



October 31, 2001

State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill: 1-28-8-17

Dear Brad:

Enclosed find an APD on the above referenced well. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Permit Clerk

mc
enclosures

cc: Bureau of Land Management
Well File

RECEIVED

NOV 15 2001

**DIVISION OF
OIL, GAS AND MINING**

001

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐
 1b. TYPE OF WELL
OIL ☐ **GAS** ☐ **SINGLE** ☐ **MULTIPLE** ☐
WELL ☒ **WELL** ☐ **OTHER** ☐ **ZONE** ☒ **ZONE** ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
 At Surface **NE/NE** **660' FNL 101' FEL**
 At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Approximately 14.6 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to)
Approx. 660' f/lse line & 761' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approx. 1386'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5195.9' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT LOSS	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

*Federal Approval of this
Action is Necessary*

RECEIVED

NOV 19 2001

**DIVISION OF
OIL, GAS AND MINING**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present or productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *Meridith Cozys* DATE Permit Clerk DATE October 30, 2001

(This space for Federal or State office use)

PERMIT NO. 43-013-32318 APPROVAL DATE

This plan approval does not warrant or certify that the applicant holds fee title or a valuable title to those rights in the subject land which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL (If any)

Bradley G. Hill

**BRADLEY G. HILL
RECLAMATION SPECIALIST III**

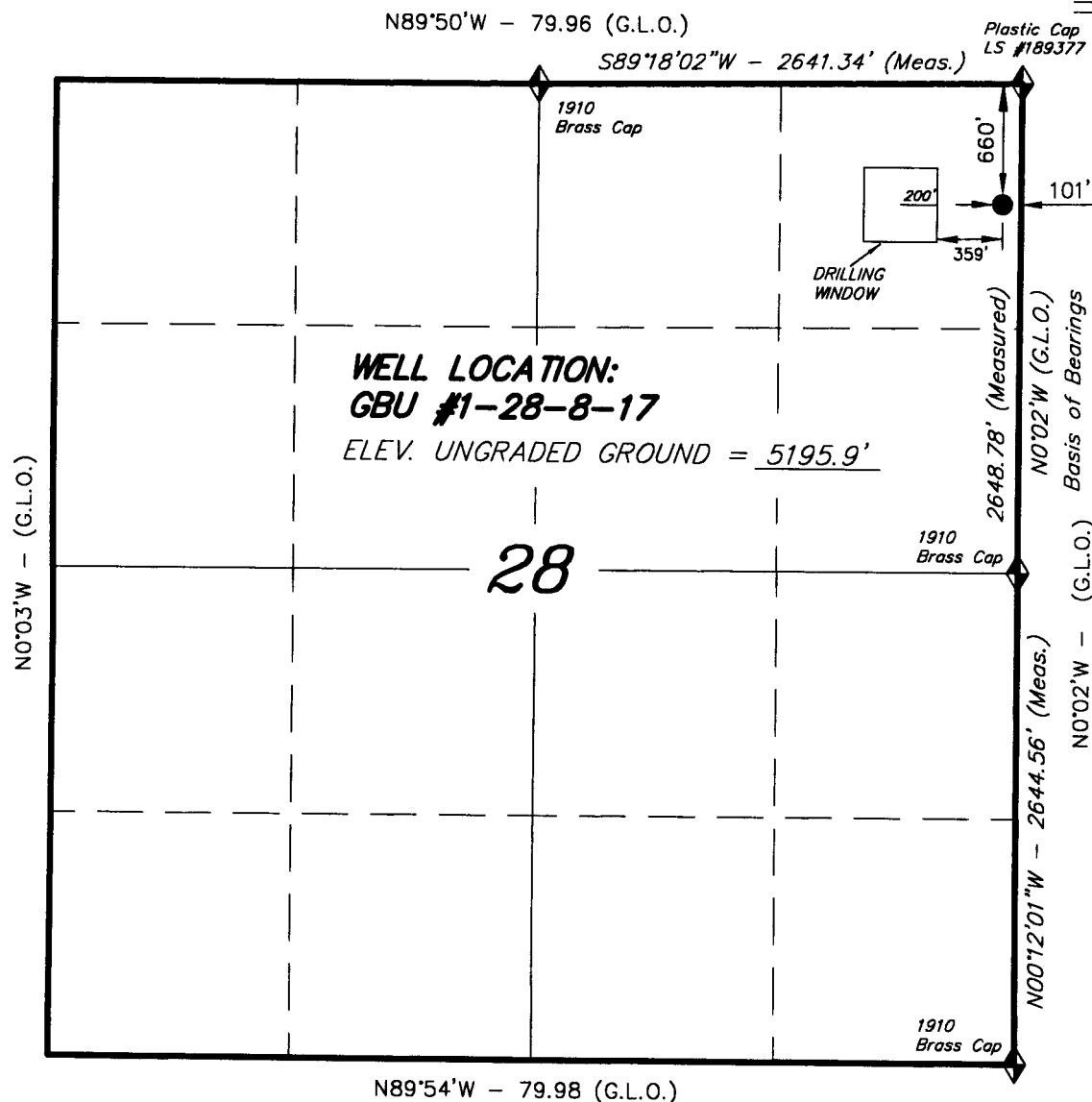
01-0302

*See Instructions On Reverse Side

Article 17, U.S.C. Section 1091 makes it a crime for any person to knowingly and willfully to make a false statement or agency of the United States and false statements or fraudulent statements or representations in any matter within its jurisdiction.

T8S, R17E, S.L.B.&M.

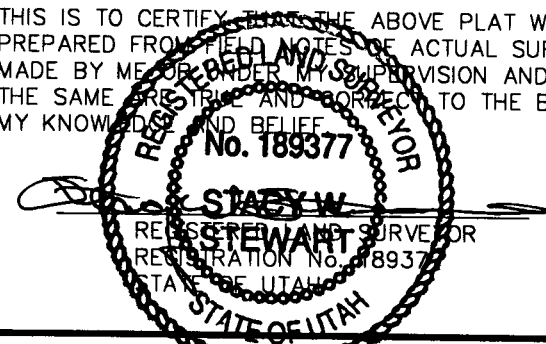
INLAND PRODUCTION COMPANY



WELL LOCATION, GREATER BOUNDARY UNIT #1-28-8-17, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 28, T8S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.D.S. R.J.

DATE: 2-7-01

WEATHER: COLD

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

November 29, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2001 Plan of Development Greater Boundary Unit Duchesne
County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 2001 within the Greater Boundary Unit, Duchesne County, Utah.

(Proposed PZ Green River)

43-013-32318 GB 1-28-8-17 Sec. 28, T8S, R17E 0660 FNL 0101 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Greater Boundary
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

Mcoulthard:mc:11-29-1

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Greater Boundary 1-28-8-17

API Number:

Lease Number: UTU-76241

GENERAL

Access well location from the south, off the access road for the proposed well location.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

TREATENED, ENDAGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

OTHER

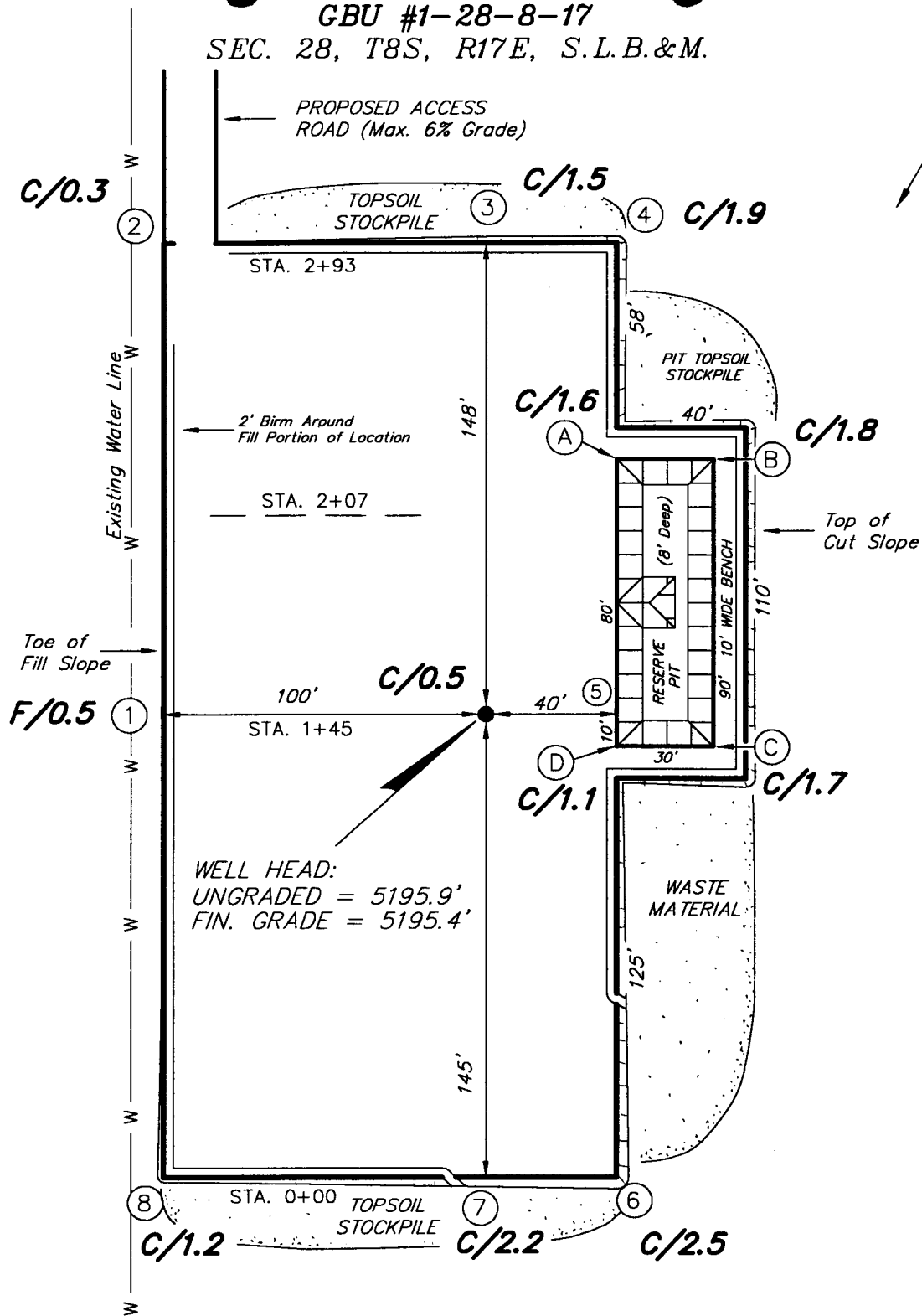
Installation of the surface gas pipeline and any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the water line area will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

INLAND PRODUCTION COMPANY

GBU #1-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

150' EAST = 5194.5'
200' EAST = 5194.7'
195' NORTH = 5197.8'
245' NORTH = 5198.2'

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-7-01

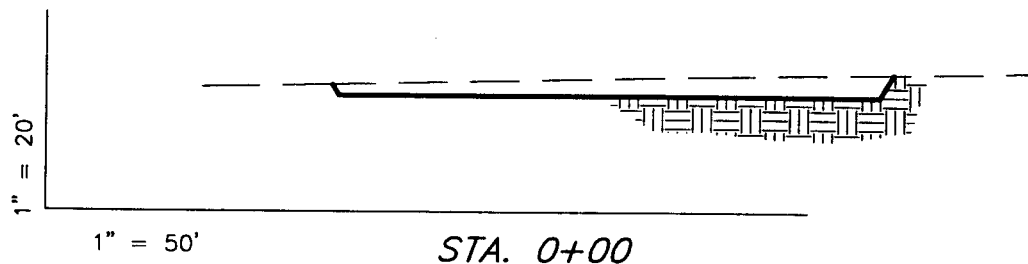
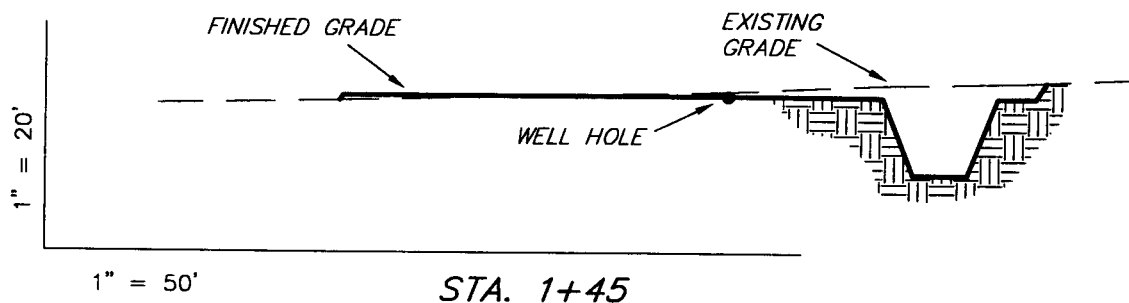
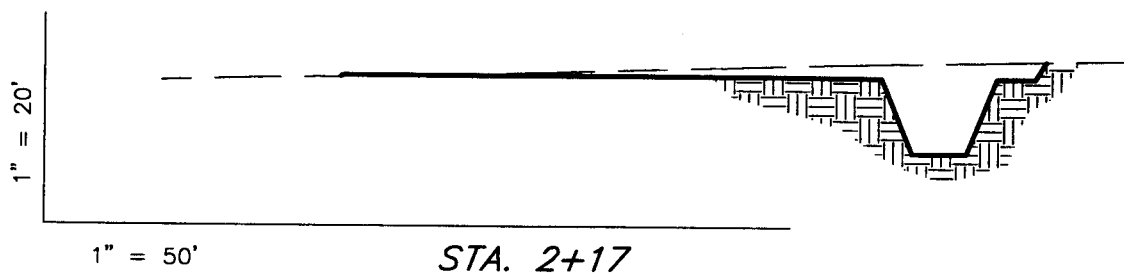
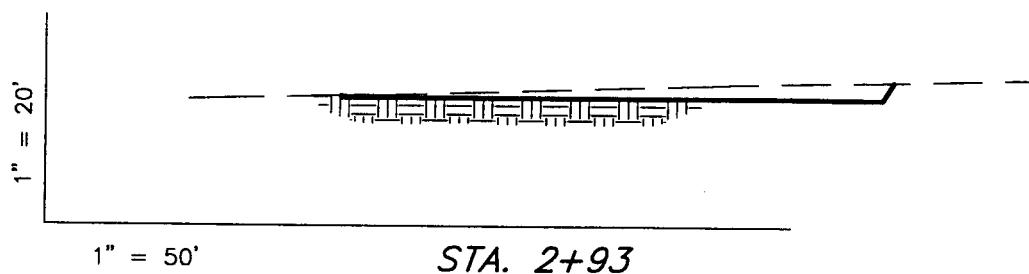
Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS

GBU #1-28-8-17



APPROXIMATE YARDAGES

CUT = 770 Cu. Yds.

FILL = 190 Cu. Yds.

PIT = 640 Cu. Yds.

6" TOPSOIL = 1,020 Cu. Yds.

SURVEYED BY: C.D.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-7-01

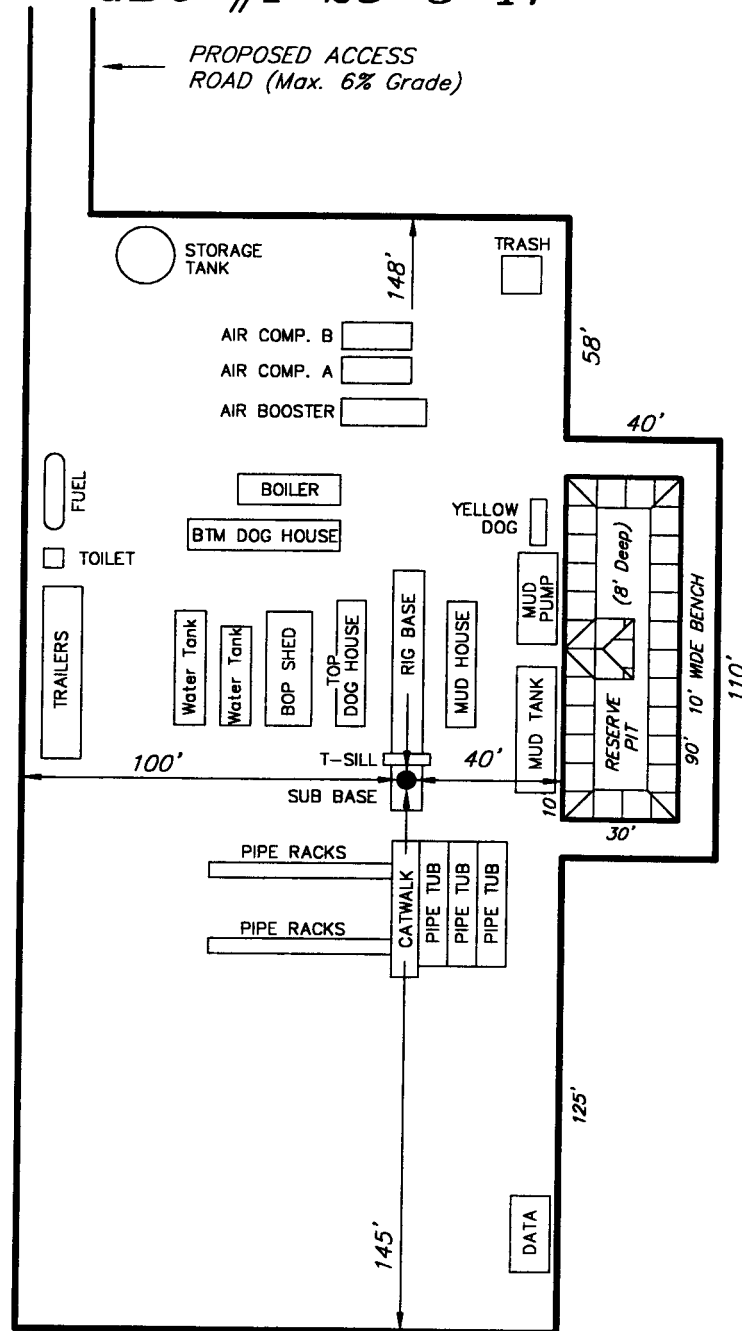
Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

GBU #1-28-8-17



SURVEYED BY: C.D.S.

SCALE: 1" = 50'

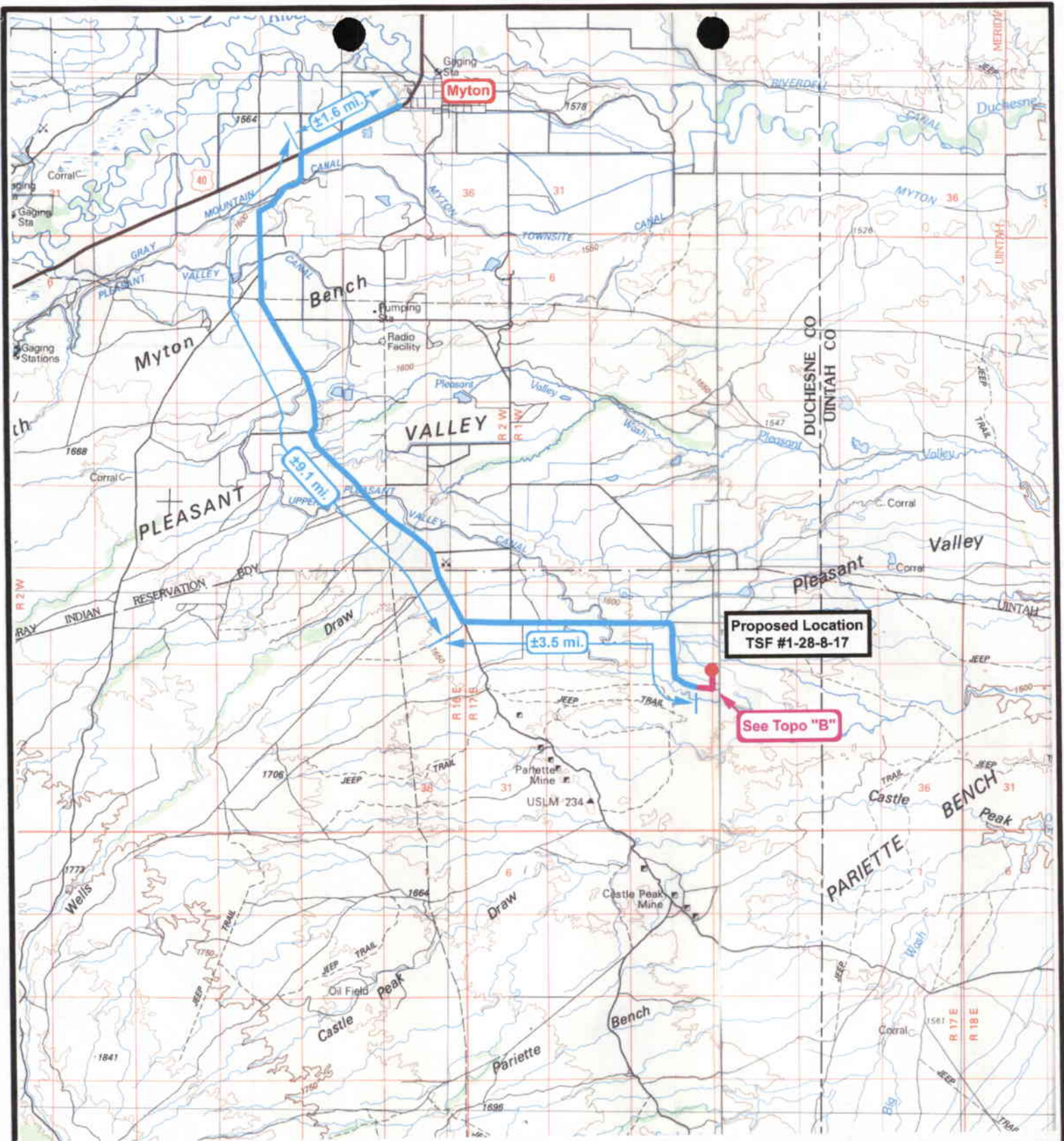
DRAWN BY: J.R.S.

DATE: 2-7-01

Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



Proposed Location
TSF #1-28-8-17

See Topo "B"



RESOURCES INC.

**Tar Sands Fed. #1-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.**



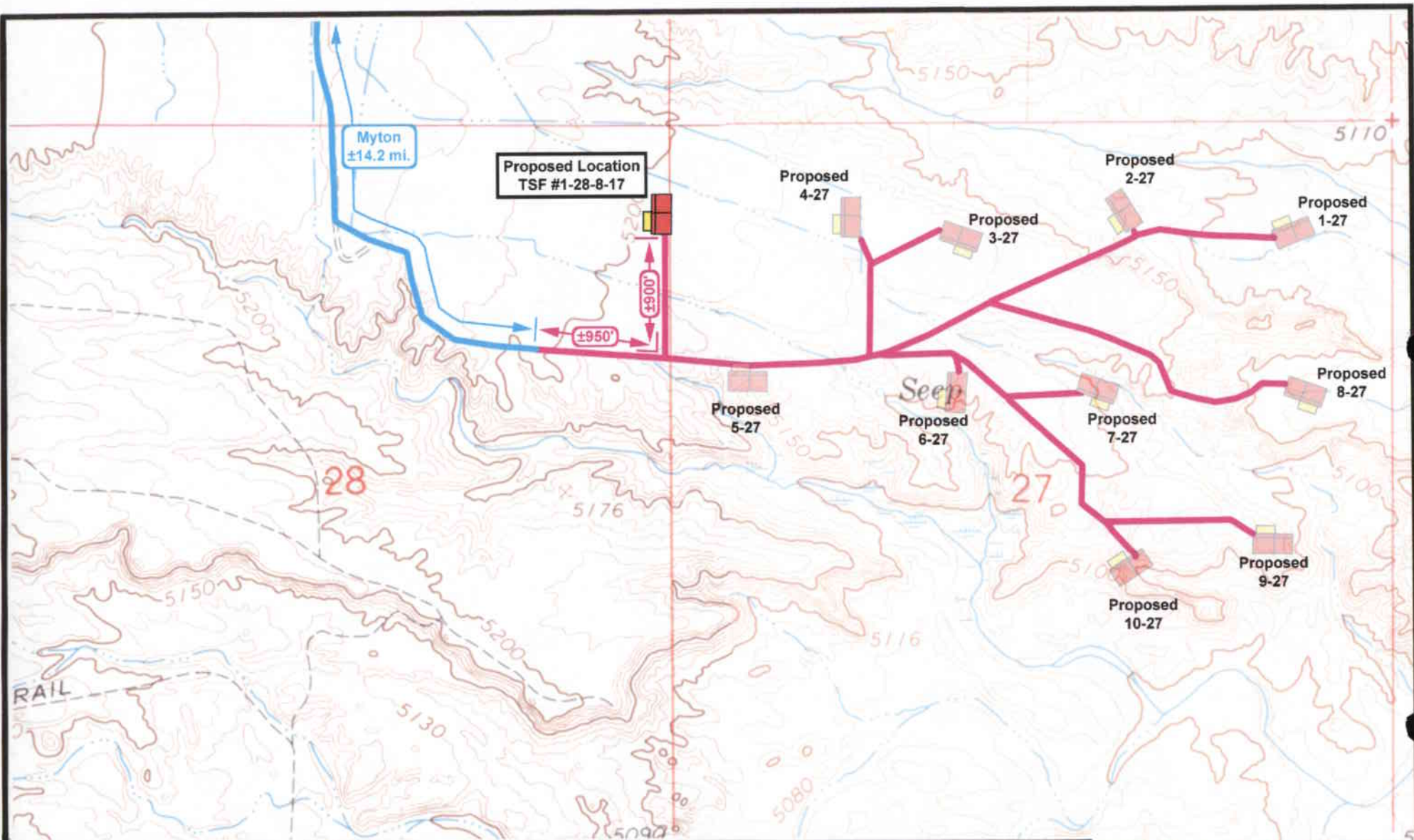
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: bgm
DATE: 02-22-2001

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"



Tar Sand Fed. #1-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.



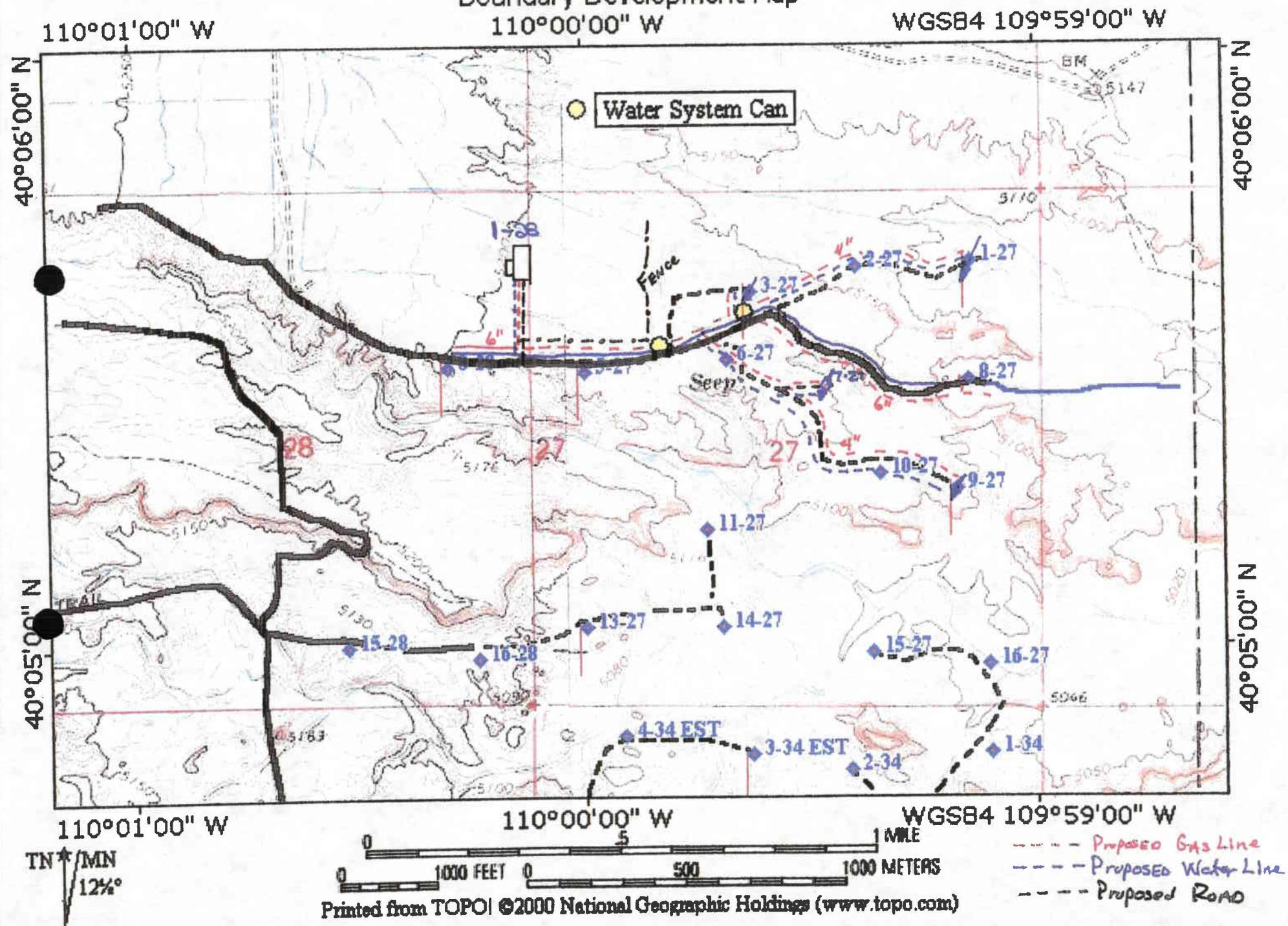
Tri-State
Land Surveying Inc.
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 1000'
DRAWN BY: bgm
DATE: 02-22-2001

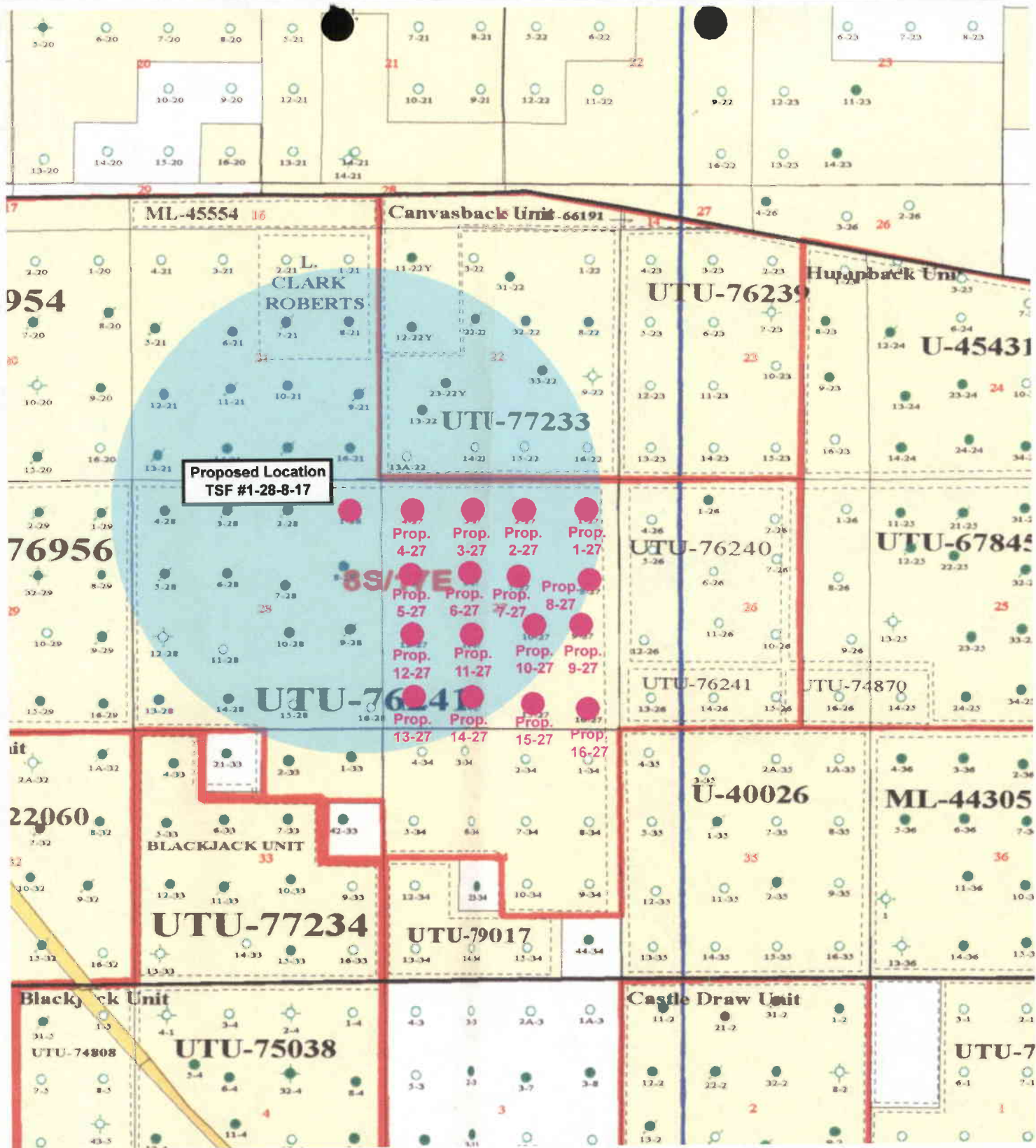
Legend	
	Existing Road
	Proposed Access
TOPOGRAPHIC MAP	
"B"	

Topographic Map "C"

Boundary Development Map



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**Tar Sand Fed. #1W-28-8-17
SEC. 28, T8S, R17E, S.L.B.&M.**



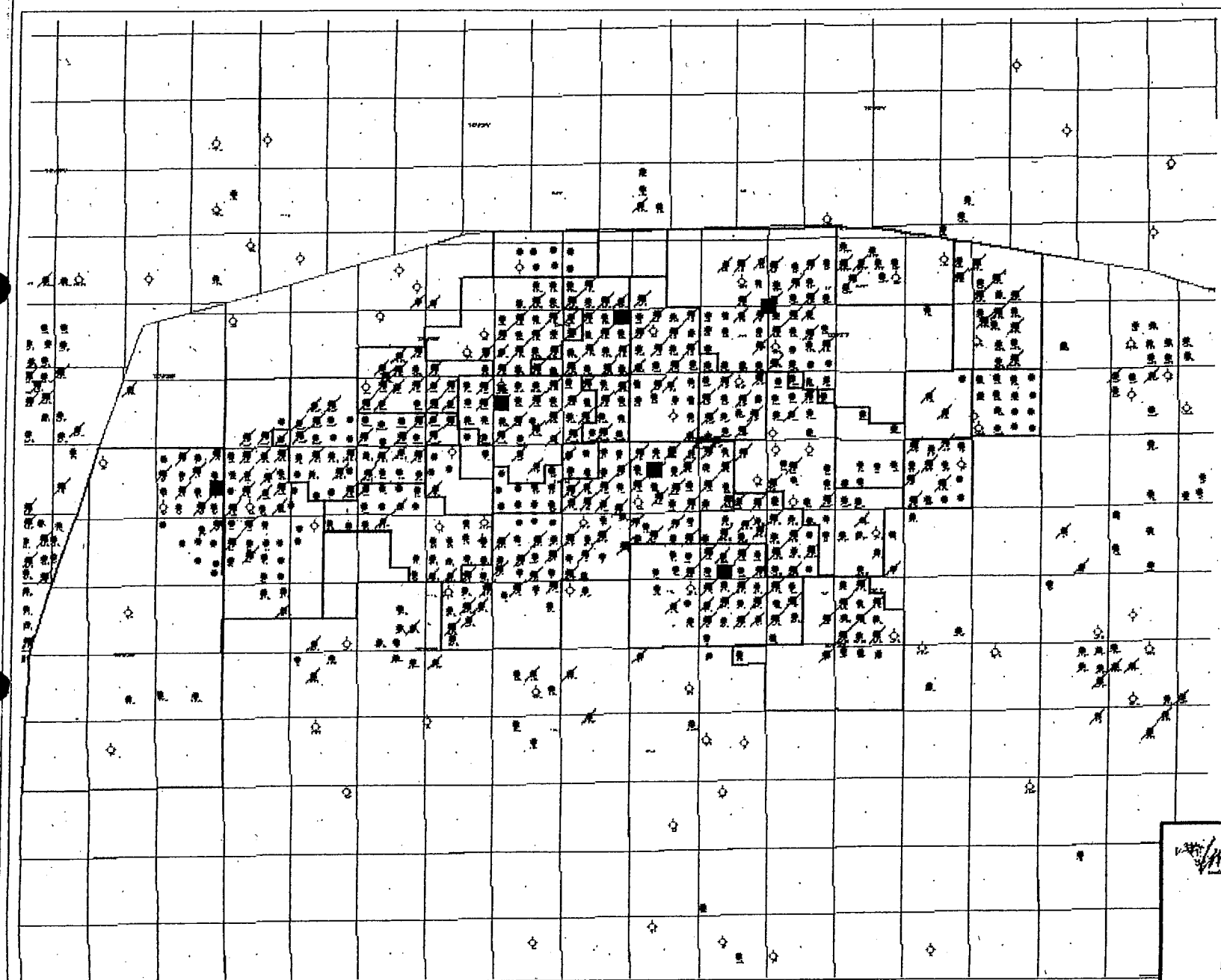
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE:
DRAWN BY: bgm
DATE: 02-22-2001

Legend

- Proposed Location
- Existing Location
- One-Mile Radius

**Exhibit
"B"**



- Heckon Blanks
 Well Categories
 INJ
 OIL
 DRY
 SHUTIN
 Units



Exhibit "A"

1 0 1 Miles

430 W. 5th Ave. Suite 200
 Denver, Colorado 80202
 Phone 303.533.0122

Uinta Basin
 UTAH BASIN, UTAH
 Buchanan & Church Counties, 16.4
 10/10/2000
 L. J. O'Neil

RAM TYPE B.O.P.

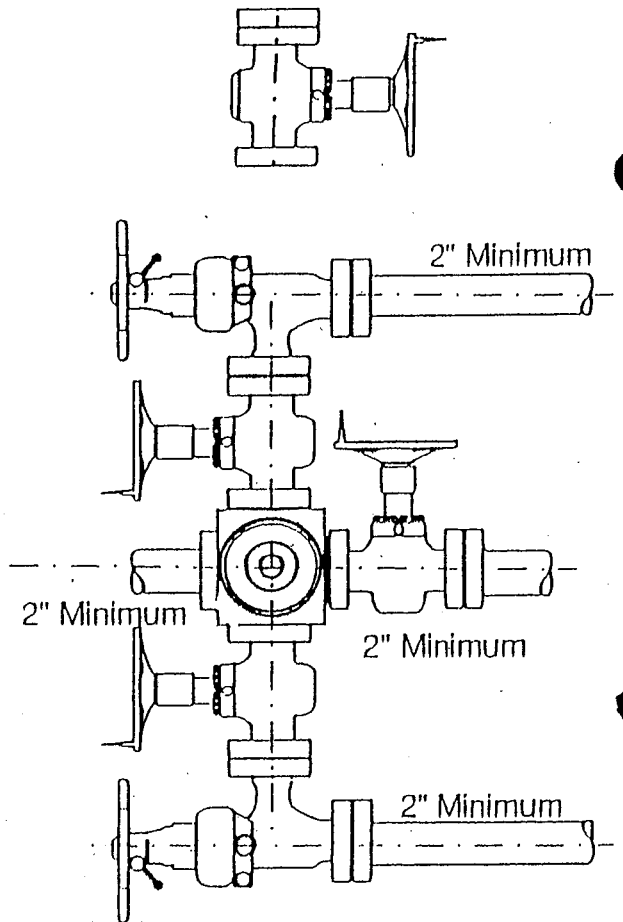
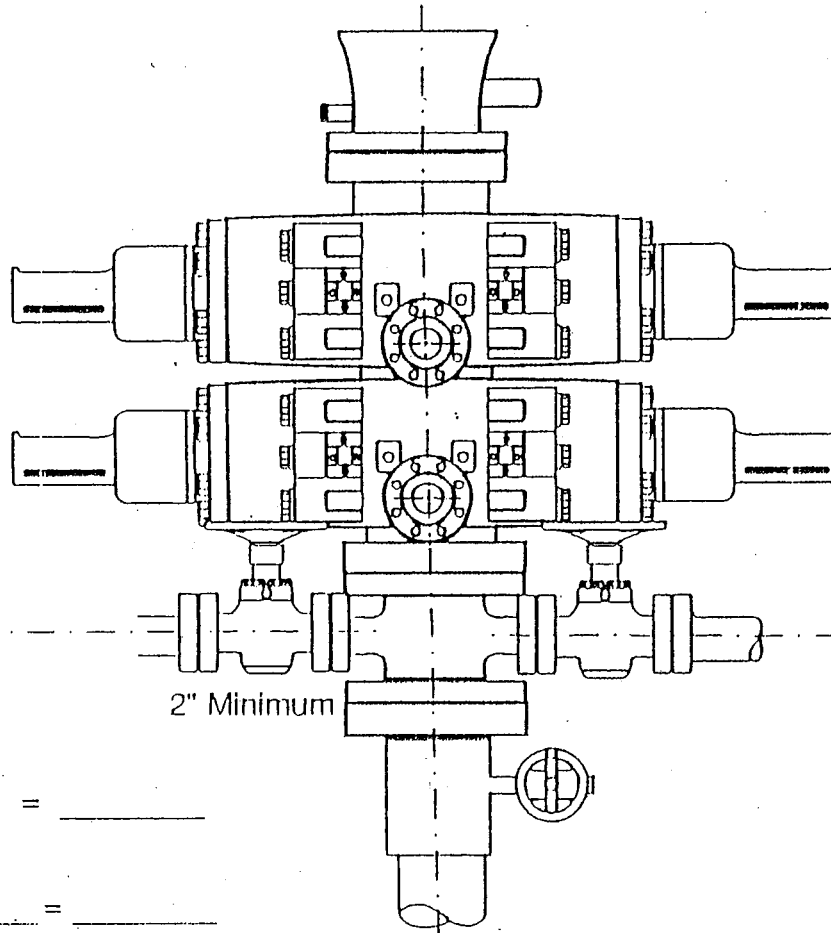
Make:

Size:

Model:

2-M SYSTEM

EXHIBIT "C"



GAL TO CLOSE

Annular BOP = _____

Ramtype BOP

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)

MORANDUM OF AGREEMENT

THAT A.A. & M, L.C., a Utah Limited Liability Partnership, and Arvil A. Harris and Mary S. Harris, individually and as husband and wife, of 2533 East, 6200 South, Salt Lake City, Utah 84121, hereinafter collectively referred to as "Harris", and LOMAX EXPLORATION COMPANY, whose address is 475 - 17th Street, Denver, Colorado 80202, hereinafter called "Lomax", do hereby adopt, ratify, and confirm that certain "AGREEMENT" dated May 18, 1995, by and between Harris and Lomax, and by the terms of which the parties agree as follows:

1. Harris is the owner in fee of the surface to the following described lands situated in Duchesne County, Utah, to-wit:

Township 8 South, Range 17 East, SLM
 Section 21: SE/4;
 Section 27: W/2NW/4;
 Section 28: N/2NE/4;

2. Lomax owns or controls, by assignment or otherwise, rights and interests in United States Oil and Gas Lease, Serial No. U-50376, which covers a portion of the above described lands, and intends to conduct drilling and producing operations on other lands in the area.

3. By virtue of the above referred Agreement, Harris and Lomax have reached an understanding in settlement of disputes on all claims for use of the surface and damage to crops and interruption or interference with agricultural improvements arising from Lomax's drilling, completion and production activities and operations, and have also agreed as to the measure of settlement for continuing and additional operations by Lomax in the area on surface owned or controlled by Harris.

4. The Agreement contains terms and provisions other than those herein stated. An executed copy of said Agreement which sets forth the precise terms thereof, is in the files of the Harris and Lomax whose addresses are stated above.

A.A. & M, L.C.

Arvil A. Harris
 Arvil A. Harris, as Managing Partner

Mary S. Harris
 Mary S. Harris, Co-Manager

Arvil A. Harris
 Arvil A. Harris, individually

Mary S. Harris
 Mary S. Harris, individually

STATE OF UTAH

COUNTY OF Salt Lake

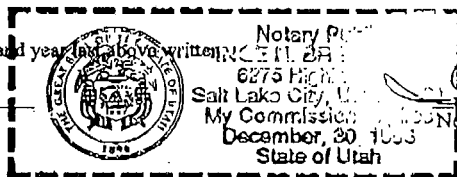
Before me, a Notary Public in and for said county and state, on this 18 day of May, 1995, personally appeared Arvil A. Harris and Mary S. Harris, to me known to be the Manager and Co-Manager and to be the identical person who subscribed the name of A.A. & M, L.C. to the foregoing instrument as it's Manager and Co-Manager, and acknowledged to me that they executed the same as their free act and deed and as the free act and deed of said Partnership for the uses and purposes therein set forth.

WITNESS my hand and official seal the day and year last above written.

My Commission Expires 12-30-96

STATE OF UTAH

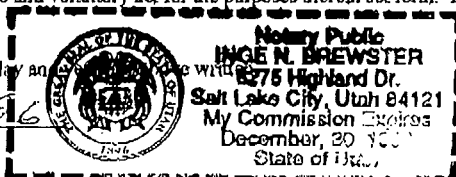
COUNTY OF Salt Lake



On this 18 day of May, 1995, before me, the undersigned Notary Public in and for said county and state, personally appeared Arvil A. Harris and Mary S. Harris, individually and as husband and wife, known to me to be the persons whose names are subscribed to the foregoing instrument, and acknowledged that the same was executed and delivered as their free and voluntary act for the purposes therein set forth. In witness thereof I hereunto set my hand and official seal as of the date hereinabove stated.

WITNESS my hand and official seal the day and year last above written.

My Commission Expires 12-30-96



ENTRY NO. **306066** DATE 5-19-95 TIME 2:01 pm BOOK MR 208 PAGE 1672
 RECORDED AT REQUEST OF Richard Padon
 DUCHESNE COUNTY RECORDER Cora Lee Brundage DEPUTY

SURFACE AGREEMENT

THIS AGREEMENT, made and entered into by and between A.A. & M, L.C., a Utah Limited Liability Partnership, and Arvil A. Harris and Mary S. Harris, individually and as husband and wife, parties of the first part, hereinafter collectively referred to as "Harris", of 2533 East, 6200 South, Salt Lake City, Utah, and LOMAX EXPLORATION COMPANY, party of the second part, hereinafter referred to as "Lomax", of 475 - 17th Street, Suite 1500, Denver, Colorado 80202.

WITNESSETH:

WHEREAS, Harris is the owner in fee of the surface to the following described lands situated in Duchesne County, Utah, to-wit:

Township 8 South, Range 17 East
Section 21: SE/4;
Section 27: W/2NW/4;
Section 28: N/2NE/4;

WHEREAS, Lomax owns or controls, by assignment or otherwise, rights and interests in United States Oil and Gas Lease, Serial No. U-50376, which covers a portion of the above described lands, and intends to conduct drilling and producing operations on other lands in the area; and

WHEREAS, the parties desire to settle their disputes on all claims for use of the surface and damage to crops and interruption or interference with agricultural improvements arising from the drilling, completion and production activities and operations, and agree as to the measure of settlement for operations conducted by Lomax on surface owned or controlled by Harris, above described, on the terms of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties agree as follows:

1. For wells located on crop land, within thirty (30) days after construction of any drillsite locations and/or access roads upon the surface of crop land owned by Harris, Lomax shall make a payment to Harris of One Thousand Five Hundred Dollars (\$1,500.00) per acre used by Lomax for such drillsite locations and /or access roads. Such payment shall be for the use of the surface, damage to crops and interruption or interference with agricultural improvements and shall cover the year in which such construction occurred; provided however, as to any construction which takes place on crop land after completion of the seasonal harvest but prior to the commencement of

the following seasonal cultivation, the payment shall be applied to such following crop season/year. Crop land is defined as that which is now cultivated, seeded, harvested and the crop sold.

2. On or before September 15 of each calendar year that Lomax's operations continue, Lomax shall pay to Harris a sum calculated at the rate of 8 tons per acre at \$80.00 per ton for that acreage used by Lomax which is out of crop production or cannot be irrigated or cultivated by reason of Lomax's operations.

3. For wells located on non-crop land, within thirty (30) days after construction of any drillsite locations and/or access roads upon the surface of non-crop land owned by Harris, Lomax shall make a one-time payment to Harris calculated at the rate of One thousand Dollars (\$1,000.00) per acre utilized by Lomax in its operations.

4. For pipeline right-of-way construction in which a pipeline is laid through surface owned by Harris, Lomax shall make a one-time payment of a sum calculated at a rate on Ten Dollars (\$10.00) per running rod; provided, however, as to any part of said pipeline construction which takes place on crop land after commencement of seasonal cultivation but prior to harvest time, the rate shall be calculated at One Thousand Five Hundred (\$1,500.00) per acre utilized by Lomax in its operations.

In the event related pipeline facilities such as a compressor site are constructed on crop land owned by Harris, Lomax agrees to make a one-time payment to Harris of One Thousand Five Hundred Dollars (\$1,500.00) per acre utilized by Lomax in its operations. Should such related pipeline facilities be located on non-crop land, Lomax shall make a one-time payment calculated at a rate of One Thousand Dollars (\$1,000.00) per acre utilized by Lomax in its operations.

Pipelines shall be buried below plow depth and surface areas impacted by the construction shall be rehabilitated, including the reseeded of crop land.

5. Harris agrees that, upon receipt of the payments provided for in this Agreement for any future wells that may be drilled on surface owned by Harris, Lomax shall be released and discharged from any and all claims, demands and losses arising out of such future operations for crop damage, acreage out of cultivation, interruption or interference with agricultural improvements and other claims.

6. For payments to be made and received under this Agreement, Harris agrees to protect, indemnify and save Lomax and its employees, agents and contractors, free and harmless from and against any and all claims, demands and losses, including costs and attorneys fees, accrued or accruing to Harris, its employees and/or tenants arising directly or indirectly in connection with operations by Lomax, its employees, agents and contractors.

7. Following the completion of any well, Lomax agrees to promptly clean up and maintain all areas of land continuing to be utilized in connection with oil and gas operations and to pay the cost of reclaiming and reseeding upon cessation of use.

8. This Agreement shall be binding upon and shall be for the benefit of the successors and assigns of Harris and Lomax whether assigned, devised, bequeathed or otherwise transferred in whole or in part by either of the parties hereto. The agreements herein contained shall be covenants running with the land.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the 18th day of May, 1995.

A.A.&M, L.C.

Arvil A. Harris
Arvil A. Harris, as Managing Partner

Mary S. Harris
Mary S. Harris Co-Manager

Arvil A. Harris
Arvil A. Harris, individually

Mary S. Harris
Mary S. Harris, individually

LOMAX EXPLORATION COMPANY

Chad B. Bahr

002

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/19/2001

API NO. ASSIGNED: 43-013-32318

WELL NAME: GB 1-28-8-17

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 28 080S 170E

SURFACE: 0660 FNL 0101 FEL

BOTTOM: 0660 FNL 0101 FEL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76241

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

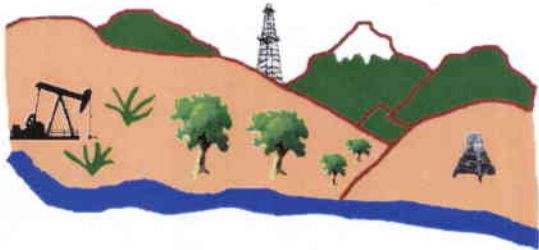
☐ R649-2-3. Unit GREATER BOUNDARY (GR)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 225-2
Eff Date: 4-8-98
Siting: X Suspends Gen. Siting
☐ R649-3-11. Directional Drill

COMMENTS:

Mon. Butte Field Sol. separate file.
Need presite. (12-14-01)

STIPULATIONS:

1-Fed. Approval
② STATEMENT OF BASIS



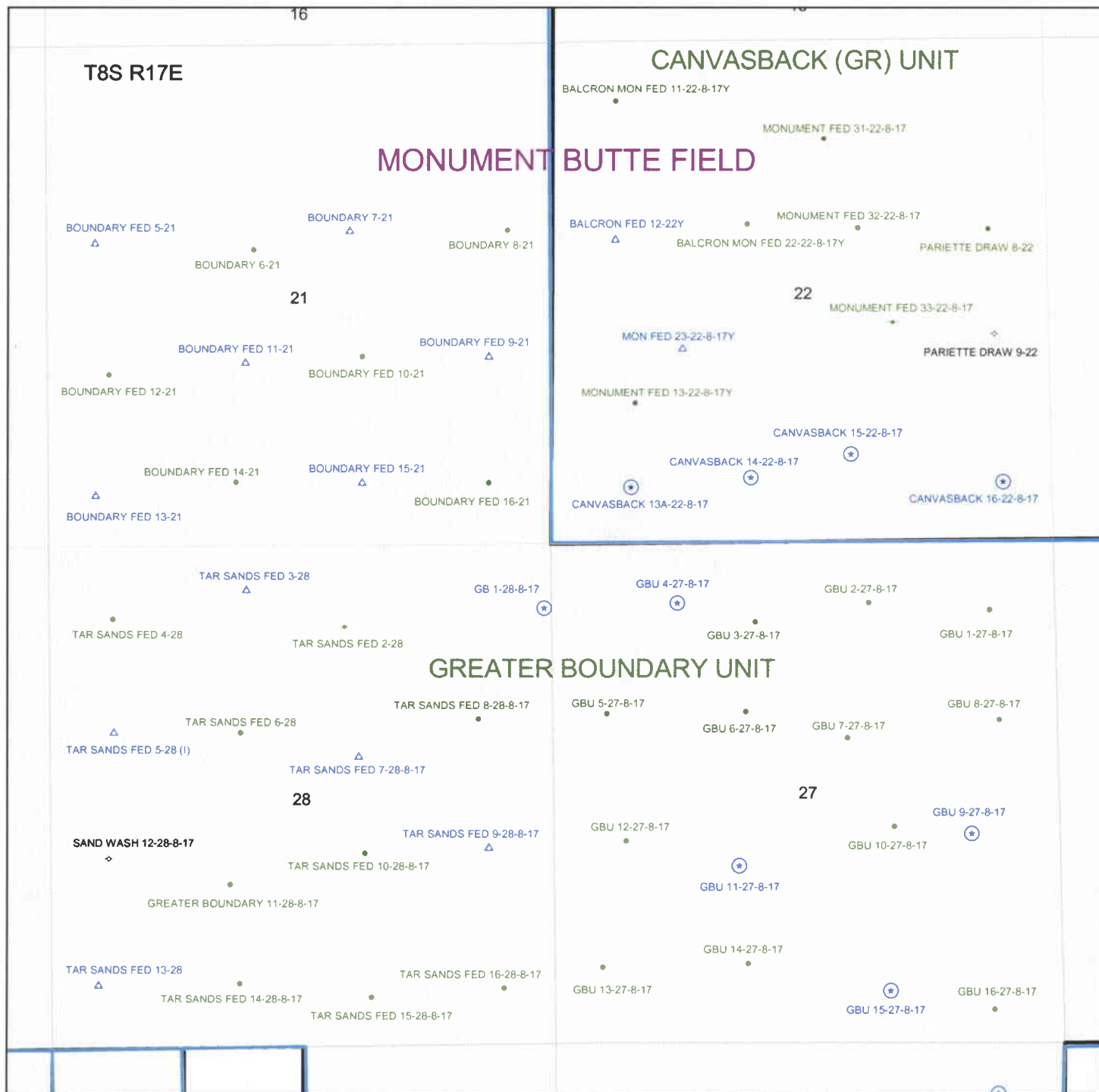
Utah Oil Gas and Mining

OPERATOR: INLAND PROD CO (N5160)

SEC. 28, T8S, R17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE UNIT: GREATER BOUNDARY
CAUSE: 225-2



**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: Inland Production Company
Well Name & Number: Greater Boundary 1-28-8-17
API Number: 43-013-32318
Location: 1/4,1/4 NE/NE Sec. 28 T. 08S R. 17E

Geology/Ground Water:

The proposed well is located on a Federal mineral lease. This portion of the A.P.D. will be fully evaluated by the B.L.M.

Reviewer: Brad Hill
Date: 01/03/02

Surface:

The division of Oil, Gas and Mining conducted and onsite meeting on 12/14/01 to take input from interested parties regarding the drilling of said well. Mr. Joseph Shields was shown as the landowner of record and therefore invited by the division to the onsite on 12/12/01 at 8:30 am. Mr. Shields requested the division speak to his attorney. Three other telephones calls to said landowner were made, in an attempt to assure his presence at the onsite meeting. He did not attend. This well was moved east and out of window of tolerance to limit the impact to crop development by landowner, and will require a letter requesting exception spacing. The pivot or sprinkler system in place ends at this location and will require some work by owner to irrigate his field. However, location was moved as far as possible to accommodate landowner. No other surface issues were noted. Inland claims they have a landowner agreement with previous landowner regarding surface use on said location. Inland wants to drill well this winter and be out before calves are born—or before spring.

Reviewer: Dennis L. Ingram
Date: 12/27/01

Conditions of Approval/Application for Permit to Drill:

1. A 12 mil synthetic liner shall be properly installed and maintained in the reserve pit.
2. The pit shall be fenced on three sides with the fourth side closed after drilling operations.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Inland Production Company
WELL NAME & NUMBER: Greater Boundary 1-28-8-17
API NUMBER: 43-013-32318
LEASE: FEE **FIELD/UNIT:** Monument Butte/Greater Boundary
LOCATION: 1/4, 1/4 NE/NE Sec: 28 TWP: 08S RNG: 17E
660 F N L 101 F E L
LEGAL WELL SITING: Board Spaced area which suspends General
Siting Rules.
GPS COORD (UTM): _____
SURFACE OWNER: Joe Shields, 11594 Pleasant Valley Road (435) 646-
3159

PARTICIPANTS:

Brad Mecham (Inland Production Company); Mike Hanberg (Utah
Division of Wildlife Resources); Dennis L. Ingram (DOGM)

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

Located approximately 9.0 miles south of Myton, Utah and +3.5
miles east of the Sand Wash Road in Pleasant Valley on rural
farmland in alfalfa field.

SURFACE USE PLAN:

CURRENT SURFACE USE: Farmland (primary use is growing
alfalfa); also has cattle grazing and some wildlife use.

PROPOSED SURFACE DISTURBANCE: Planned 900' access road in
from south and along eastern boundary of section to lessen
impact on landowner, plus location measuring 293'x 140' and
temporary reserve pit for drilling well.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See map
generated from GIS data base.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Tanks, pump
jack, treaters and all other equipment shall be placed on
location with gas pipe lines along roadway or access into
same.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill or
borrowed.

ANCILLARY FACILITIES: None requested during onsite

WASTE MANAGEMENT PLAN:

Submitted to the division with Application to Drill

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: None present.

FLORA/FAUNA: alfalfa field; antelope, deer, bobcat, raccoon, rabbits, fox, birds of prey and smaller birds typical of region.

SOIL TYPE AND CHARACTERISTICS: Light tan fine grained sandy loam

EROSION/SEDIMENTATION/STABILITY: minor erosion, minor sedimentation, no stability problems anticipated.

PALEONTOLOGICAL POTENTIAL: None observed during onsite visit

RESERVE PIT:

CHARACTERISTICS: Proposed on west side of location in cut and upwind of wellbore.

LINER REQUIREMENTS (Site Ranking Form attached): 30 points

SURFACE RESTORATION/RECLAMATION PLAN:

According to operator and landowner agreement

SURFACE AGREEMENT: Yes (with previous landowner)

CULTURAL RESOURCES/ARCHAEOLOGY: Arch study was done rather than landowner wavier to speed up process.

OTHER OBSERVATIONS/COMMENTS:

Surface area dips toward east, southeast. Cattle in field grazing. Wellsite moved to eastern boundary and out of window of tolerance to minimize impact on landowner. Pivot wheels or sprinkling system to crops.

ATTACHMENTS:

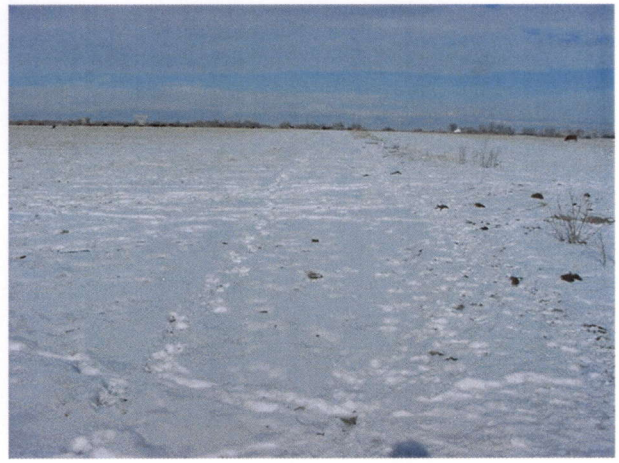
Photos

Dennis L. Ingram
DOGM REPRESENTATIVE

12/14/01 1:00 PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>10</u>
Final Score		<u>30</u>



INLAND PRODUCTION COMPANY
GREATER BOUNDARY #1-28-8-17
NE/NE SECTION 28, T8S, R17E
DUCHESNE COUNTY, UTAH

RECEIVED

DEC 04 2001

DIVISION OF
OIL, GAS AND MINING

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Greater Boundary # 1-28-8-17 located in the NE 1/4 NE 1/4 Section 28, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to it's junction with an existing dirt road; proceed easterly and then southerly - 3.5 miles \pm to it's junction with the beginning of the proposed access road; proceed easterly along the proposed access road 950' \pm to it's junction with a road to the north; continue 900' \pm in a northerly direction along the proposed access road to the proposed well location.

2. **PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. **LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** – Joseph Shields: 11594 S. Pleasant Valley Road, Duchesne County, Utah, (435) 646-3159

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey for this area is attached.

Inland Production Company requests a 60' ROW for the Greater Boundary #1-28-8-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Inland Production Company also requests a 60' ROW be granted for the Greater Boundary #1-28-8-17 to allow for construction of a 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."**

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

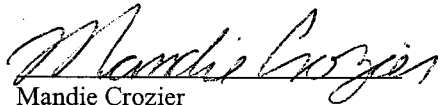
Name: Mandie Crozier
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #1-28-8-17 NE/NE Section 28, Township 8S, Range 17E: Lease: UTU-76241 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12/3/01
Date


Mandie Crozier
Permit Clerk



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 3, 2002

Inland Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Greater Boundary 1-28-8-17 Well, 660' FNL, 101' FEL, NE NE, Sec. 28, T. 8 South,
R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32318.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza', written over a horizontal line.

John R. Baza
Associate Director

er
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number Greater Boundary 1-28-8-17
API Number: 43-013-32318
Lease: UTU 76241

Location: NE NE **Sec.** 28 **T.** 8 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

004
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 04 2001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-76241
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME Greater Boundary
3. ADDRESS OF OPERATOR Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		8. FARM OR LEASE NAME WELL NO 1-28-8-17
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface NE/NE 660' FNL 101' FEL At proposed Prod. Zone		9. API WELL NO.
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 14.6 miles southeast of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to Approx. 660' f/lse line & 761' f/unit line	16. NO. OF ACRES IN LEASE 1,920.00	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Sec. 28, T8S, R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approx. 1386'	19. PROPOSED DEPTH 6500'	12. County Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5195.9' GR		13. STATE UT
22. APPROX. DATE WORK WILL START* 4th Quarter 2001		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

JAN 15 2002

DIVISION OF
OIL, GAS AND MININGIN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.24. SIGNED Mendiola TITLE Permit Clerk DATE 12/3/01
(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Shirley A. [Signature] TITLE Assistant Field Manager DATE 1/7/02
Mineral Resources

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Greater Boundary 1-28-8-17

API Number: 43-013-32318

Lease Number: U-76241

Location: NENE Sec. 28 T. 8S R. 17E

Agreement: Greater Boundary GR SR

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Reclamation of the access road and location will be to the satisfaction of the private land owner.

Access through the barbed wire fence at the start of the access road will have a gate or cattle guard to the satisfaction of the private land owner.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATIONName of Company: INLAND PRODUCTION COMPANYWell Name: GB 1-28-8-17Api No. 43-013-32318 LEASE TYPE: FEDERALSection 28 Township 08S Range 17E County DUCHESNEDrilling Contractor STUBBS DRILLING RIG # RATHOLE

SPUDDED:

Date 01/22/2002Time 8:30 AMHow DRY

Drilling will commence _____

Reported by PAT WISENERTelephone # 1-435-823-7468Date 01/23/2002 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Greater Boundry

8. Well Name and No.

GBU 1-28-8-17

9. API Well No.

43-013-32318

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660' FNL & 101' FEL NE/NE Sec. ²⁸27, T8S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Spud**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 1/23/02. MIRU Stubbs # 111. Spud well @ 8:30 am. Drill 300' of 12 1/4" hole with air mist. TIH w/ 7
It's 85/8" J-55 24# csgn. Set @ 303.54'/KB. On 1/23/02. Cement with 150 sks of Class "G" w/ 2% CaCL2 +
1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 3 bbls cement returned to surface. Vernal BLM
representative Jamie Sparger witnessed cement job. WOC.

RECEIVED

JAN 30 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

01/28/2002

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 303.54

LAST CASING 8 5/8" SET AT 303.54
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 300' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Greater Boundry Fed. 1-28-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Stubbs # 111

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	293.69
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	295.54
TOTAL LENGTH OF STRING	295.54	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	303.54

TOTAL	293.69	7	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	293.69	7	
TIMING	1ST STAGE		
BEGIN RUN CSG.	SPUD	01/23/2002	GOOD CIRC THRU JOB <u>yes</u>
CSG. IN HOLE		8:30am	Bbls CMT CIRC TO SURFACE <u>3</u>
BEGIN CIRC			RECIPROCATED PIPE FOR <u> </u> THRU <u> </u> FT STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ? <u>N/A</u>
BEGIN DSPL. CMT			BUMPED PLUG TO <u>245</u> PSI
PLUG DOWN	Cemented	01/23/2002	

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			

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JAN 30 2002

DIVISION OF

OIL, GAS AND MINING

COMPANY REPRESENTATIVE Pat Wisener

DATE 01/23/2002

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660' FNL & 101" FEL NE/NE Sec. 38, T8S, R17E

RECEIVED

APR 17 2002

DIVISION OF

OIL, GAS AND MINES

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Greater Boundry

8. Well Name and No.

GBU 1-28-8-17

9. API Well No.

43-013-32318

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah.

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status Report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Weekly status report for the period of 4/08/02 thru 4/14/02.

On 4/10/02 thru 4/11/02. MIRU CMC Rig #2. Pressure tested BOP's, Kelly, TIW valve & Choke Manifold to 2,000 psi. Tested 85/8" csgn to 1,500 psi. Vernal BLM & Roosevelt office of UDOGM was notified of test. PU & MU BHA, bit #1, TIH with same. Tag cement top @ 245'. Drill out shoe & cement. Drill 77/8" hole with fresh water to a depth of 2289'.

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

04/15/2002

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
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660' FNL & 101' FEL NE/NE Sec. ²⁸~~27~~, T8S, R17E

5. Lease Designation and Serial No.

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6. If Indian, Allottee or Tribe Name

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☒ Other **Weekly Status Report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Weekly status report for the period of 4/15/02 thru 4/21/02.

Con't to drill 77/8" hole with fresh water to a depth of 3669'. TOH with drill string. Lay down BHA. PU & MU bit #2, MM, & BHA. Drill 77/8" hole with fresh water to a depth of 6300'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 147 jt's J-55 15.5 # 51/2" csgn. Set @ 6273'/KB. Cement with 500* sks. 50/50 POZ w/ 3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4PPG >1.24 YLD. Then 300* sks Prem Litell w/ 3% KCL, 3#/sk Kolseal, 10% Gel, .3SMS, 3#sk BA90, mixed @ 11.0PPG >3.49. Good returns thru job with 25 of 30 bbls dye water returned to pit. Set slips with 90,000# tension. Nipple down BOP's. Release rig @ 9:30am on 4/20/02. WOC

RECEIVED

APR 23 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

04/22/2002

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 6273.18

Flt cllr @ 6251'

LAST CASING 8 5/8" SET AT 303.54

OPERATOR Inland Production Company

DATUM 10' KB

WELL Greater Boundry Fed.1-28-8-17

DATUM TO CUT OFF CASING _____

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # CMC # 2

TD DRILLER 6300' LOGGER 6285'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					11
		6' Flag Jt @ 4202'					
147	5 1/2"	Maverick LT & C casing	15.5#	J-55	8rd	A	6241.07
		Float collar					0.6
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	20.86
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6274.18
TOTAL LENGTH OF STRING	6274.18	148	LESS CUT OFF PIECE	11
LESS NON CSG. ITEMS	12.25		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT	37.22	1	CASING SET DEPTH	6273.18

TOTAL	6299.15	149	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6299.15	149		
TIMING	1ST STAGE			
BEGIN RUN CSG.	9:30 PM		GOOD CIRC THRU JOB	YES
CSG. IN HOLE	1:30 AM		Bbls CMT CIRC TO SURFACE	25 bbls of 30 Dye wayer to pit
BEGIN CIRC	1:45 AM	2:45 AM	RECIPROCATED PIPE 15 mins	THRU 6' STROKE
BEGIN PUMP CMT	2:59 AM	3:30am	DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	3:54 AM		BUMPED PLUG TO	1810 PSI
PLUG DOWN	4:21 AM			

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Prem-lite II w/ .5%SM+ 10% gel+ 3#/ sk BA 90+ 2# sk/kolseal + 3% KCL + 1/4# sk staticfree
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	500	50/50 poz W/ 3% KCL, 1/4# sk C.F. 2% gel. 3% SMS. 1R3. .05# sk staticfree mixed @ 14.4 ppg W/ 1.24
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3		

COMPANY REPRESENTATIVE Ray Herrera

DATE 04/20/2002

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

GREATER BOUNDARY 1-28-8-17

9. API Well No.

43-013-32318

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FNL 101 FEL NE/NE Section 28, T8S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Status Report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 5/13/02 through 5/19/02.

Subject well had completion procedures initiated on 5/13/02 without use of a service rig: A total of three Green River intervals were perforated and hydraulically fracture treated down 5 1/2" 15.5# casing as follows using composite flow-through frac plugs between stages. Stage 1: CP 3 sds @ 6125'-6128', CP2 sds @ 6066'-6078', CP1 sds @ 6021'-6032' & 6017'-6019' (all 4 JSPF) fraced W/ 78,933# 20/40 mesh sand in 599 bbls Viking I-25 fluid. Stage 2: Lower LODC sds @ 5868'-5874', 5854'-5858', 5813'-5848', 5781'-5796' & 5773'-5778' (all @ 2 JSPF) and Upper LODC sds @ 5706'-5710' (4 JSPF) fraced W/ 203,993# 20/40 mesh sand in 1345 bbls Viking I-25 fluid. Stage 3: D2 sds @ 5202'-5205' and D1 sds @ 5158'-5160' (all 4 JSPF) fraced W/ 33,993# 20/40 mesh sand in 319 bbls Viking I-25 fluid. Fracs were flowed back through chokes. A service rig was moved on well on 5/15/02. A bit and tbg were picked up & ran in well. Frac plugs were drilled out & well was cleaned out to PBTD @ 6242'. Zones are being swab tested for sand cleanup @ present time.

RECEIVED

MAY 21 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Gary Dietz
Gary Dietz

Title

Completion Foreman

Date

5/17/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

GREATER BOUNDARY 1-28-8-17

9. API Well No.

43-013-32318

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DUCHESNE COUNTY, UTAH

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☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

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Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FNL 101 FEL NE/NE Section 28, T8S R17E

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☐ Notice of Intent
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TYPE OF ACTION

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☒ Other **Status Report**

☐ Change of Plans
☐ New Construction
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☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 5/20/02 through 5/26/02.

Subject well had completion procedures initiated on 5/13/02 without use of a service rig: A total of three Green River intervals were perforated and hydraulically fracture treated down 5 1/2" 15.5# casing as follows using composite flow-through frac plugs between stages. Stage 1: CP 3 sds @ 6125'-6128', CP2 sds @ 6066'-6078', CP1 sds @ 6021'-6032' & 6017'-6019' (all 4 JSPF) fraced W/ 78,933# 20/40 mesh sand in 599 bbls Viking I-25 fluid. Stage 2: Lower LODC sds @ 5868'-5874', 5854'-5858', 5813'-5848', 5781'-5796' & 5773'-5778' (all @ 2 JSPF) and Upper LODC sds @ 5706'-5710' (4 JSPF) fraced W/ 203,993# 20/40 mesh sand in 1345 bbls Viking I-25 fluid. Stage 3: D2 sds @ 5202'-5205' and D1 sds @ 5158'-5160' (all 4 JSPF) fraced W/ 33,993# 20/40 mesh sand in 319 bbls Viking I-25 fluid. Fracs were flowed back through chokes. A service rig was moved on well on 5/15/02. A bit and tbg were picked up & ran in well. Frac plugs were drilled out & well was cleaned out to PBTD @ 6242'. Zones were swab tested for sand cleanup. Fill was cleaned from PBTD. Production tbg was ran & anchored in well W/ tubing anchor @ 5969', pump seating nipple @ 6003' & end of tubing string @ 6067'. A rod pump & rod string was run in well, well began producing via rod pump on 5/22/02.

RECEIVED

MAY 23 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

Signed

Gary Dietz
Gary Dietz

Title

Completion Foreman

Date

May 22, 2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		Other _____		5. LEASE DESIGNATION AND SERIAL NO. UTU-76241	
1b. TYPE OF WELL		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		7. UNIT AGREEMENT NAME Greater Boundary Unit	
										8. FARM OR LEASE NAME, WELL NO. GBU #1-28-8-17	
2. NAME OF OPERATOR INLAND RESOURCES INC.										9. WELL NO. 43-013-32318	
3. ADDRESS AND TELEPHONE NO. 410 17th St. Suite 700 Denver, CO 80202										10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 660 FNL & 101' FEL (NENE) Sec. 28, T8S, R17E										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, Twp. 8 S, Rng. 17 E	
At total depth										12. COUNTY OR PARISH Duchesne	
										13. STATE UT	
15. DATE SPUDDED 1/22/02		16. DATE T.D. REACHED 4/19/02		17. DATE COMPL. (Ready to prod.) 5/22/02		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5196' GL, 5206' KB				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6300' KB		21. PLUG BACK T.D., MD & TVD 6242' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ----->		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 5158'-6128'										25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CAL/GR/CEL-6-4-02 DIGI/SP/CDL/GR/Cal-5-7-02										27. WAS WELL CORED No	
33. CASING RECORD (Report all strings set in well)											
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
8-5/8" - J-55		24#		303.54'		12-1/4"		To surface with 150 sx Class "G" cmt			
5-1/2" - J-55		15.5#		6273.18'		7-7/8"		300 sx Premlite II and 500 sx 50/50 Poz			
30. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
										6067.30'	
										5969.08'	
31. PERFORATION RECORD (Interval, size and number)											
INTERVAL		SIZE		SPF/NUMBER		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
(CP) 6125-28', 6066-78, 6021-32', 6017-19'		.038"		4/112		6017'-6128'		Frac w/ 78,993# 20/40 sand in 599 bbl fluid.			
(LODC) 5868-74', 5854-58', 5813-48',											
5781-96', 5773-78', 5706-10'		.038"		2/130		5706'-5874'		Frac w/ 203,993# 20/40 sand in 1345 bbl fluid.			
(D1, D2) 5158-60', 5202-05'		.038		4/20		5158'-5205'		Frac w/ 33,993# 20/40 sand in 319 bbl fluid.			
33.* PRODUCTION											
DATE FIRST PRODUCTION 5/22/02		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump						WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 10 day ave		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD -->		OIL--BBL. 27.8		GAS--MCF. 55	
								WATER--BBL. 14.4		GAS-OIL RATIO 1978	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE -->		OIL--BBL.		GAS--MCF.		WATER--BBL.	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>Brian Harris</u>		TITLE <u>Engineering Technician</u>									

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

DIVISION OF
OIL, GAS AND MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<p align="center">Well Name</p> <p align="center">Greater Boundary #1-28-8-17</p>	Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	4145' 4446' 4716' 4950' 4986' 5124' 5376' 5537' 5965 6300'	

RECEIVED

JUN 13 2002

DIVISION OF
OIL, GAS AND MINING



June 11, 2002

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daneils
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

Greater Boundary #1-28-8-17 (43-013-32318)
Duchesne County, UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1449

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

RECEIVED

JUN 13 2002

**DIVISION OF
OIL, GAS AND MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

660 FNL 101 FEL NE/NE Section 28, T8S R17E

5. Lease Designation and Serial No.

UTU-76241

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

GREATER BOUNDARY 1-28-8-17

9. API Well No.

43-013-32318

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
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☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
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☐ New Construction
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☐ Water Shut-Off
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☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

11/13/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED
NOV 17 2003

DIV. OF OIL, GAS & MINING

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

DEC 31 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: ADDITIONAL WELL TO BOUNDARY AREA PERMIT
GREATER BOUNDARY NO. 1-28-8-17
Well ID No. UT20702-06276
Boundary Area Permit UT20702-00000
Duchesne County, Utah

Dear Mr. Guinn:

The Inland Production Co. (Inland) request to convert a former Douglas Creek Member of the Green River Formation oil well, the Greater Boundary No. 1-28-8-17, to a Green River Formation Garden Gulch-Douglas Creek-Basal Carbonate Members enhanced recovery injection well, in the Boundary Area Permit, is hereby authorized. The proposed Greater Boundary No. 1-28-8-17 Class II enhanced recovery injection well is within the exterior boundary of Boundary Area Permit UT20702-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c), and the terms of the Boundary Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Boundary Area Permit will apply to the conversion, operation, monitoring, and plugging of the Greater Boundary No. 1-28-8-17.

Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Inland submit for review and approval (1) the results of a Part I (Internal) Mechanical Integrity Test (MIT), (2) a pore pressure calculation of the injection interval, and (3) an EPA Form No. 7520-12 (Well Rework Record, enclosed).

JAN 05 2004



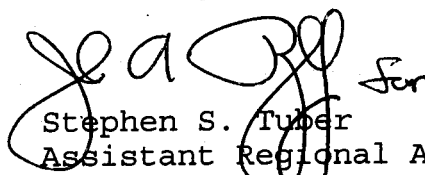
Printed on Recycled Paper

Pursuant to Part II. Section C. Condition No. 4, (Injection Pressure Limitation), Boundary Area Permit UT20702-00000, the initial surface injection pressure shall not exceed 1800 psig, but the initial maximum surface injection pressure of the Greater Boundary No. 1-28-8-17 shall not exceed 1725 psig. The Boundary Final Area Permit, Part II. C. 4., provides an opportunity for the permittee to request an increase, or decrease, in the initial maximum surface injection pressure.

Please be aware that Inland does not have authorization to begin injection into the Greater Boundary No. 1-28-8-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Inland has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Inland Production Company has any questions, please call Dan Jackson at (303) 312-6155 if in the Denver area, or 1.800.227.8917 (Ext. 6155) if calling from outside the Denver area. Please submit the required pre-authorization to inject data to the ATTENTION: Dan Jackson, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and
Regulatory Assistance

enclosures: Authorization For An Additional Well
Form No. 7520-12 (Well Rework Record)

cc w/enclosures: Ms. Maxine Natchees
Chairwoman
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. David Gerbig
Operations Engineer
Inland Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
170 South 500 East
Vernal, UT 84078



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

999 18TH STREET - SUITE 300

DENVER, CO 80202-2466

Phone 800-227-8917

<http://www.epa.gov/region08>

AUTHORIZATION FOR AN ADDITIONAL WELL TO THE BOUNDARY AREA PERMIT: UT20702-00000

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Boundary Area Permit No. UT20702-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: GREATER BOUNDARY NO. 1-28-8-17

WELL PERMIT NUMBER: UT20702-06276

SURFACE LOCATION: 660' FNL & 101' FEL (NE NE)
Sec. 28 - T8S - R17E
Duchesne County, Utah.

This well is subject to all provisions of the original Area Permit (UT20702-00000), and subsequent Modifications, unless specifically detailed below.

POSTPONEMENT OF CONVERSION: If the Greater Boundary No. 1-28-8-17 is not converted/completed for enhanced recovery within one (1) year from the effective date of this AUTHORIZATION FOR AN ADDITIONAL WELL TO THE BOUNDARY AREA PERMIT, the Greater Boundary No. 1-28-8-17 will be plugged and abandoned in accordance with the Plugging and Abandonment Plan as described in APPENDIX C of this document, **unless the permittee requests an extension**. The written request shall be made to the Director, and shall state the reasons for the delay in conversion/construction, and the permittee will confirm that all underground sources of drinking water (USDW) will be protected. **The extension under POSTPONEMENT OF CONVERSION may not exceed one (1) year.**

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the Uinta Formation USDW, in the Greater Boundary No. 1-28-8-17, occurs approximately **216 feet** from the surface. The source for the location of the base of the Uinta Formation USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **303 feet** and cemented to the surface.



Printed on Recycled Paper

were to be based on correlation to the TYPE LOG, Federal No. 1-26, NE NW Section 26 - T8S-R17E, Duchesne County, Utah (UT20702-04671).

WELL CONSTRUCTION REVIEW: Greater Boundary No. 1-28-8-17.

SURFACE CASING: 8-5/8 inch casing is set at 303 feet ground level (GL) in a 12-1/4 inch hole using 150 sacks of Class "G" cement circulated to the surface. The Uinta Formation underground sources of drinking water (USDWs) are approximately 190 feet from the surface. Annulus cement and depth of surface casing are considered adequate to protect USDWs in this well.

LONGSTRING CASING: 5-1/2 inch casing is set at 6273 feet KB with 300 sacks of PremLite II mixed with 500 sacks of 50/50 Pozmix. The operator identifies the top of cement at 330 feet. The EPA analysis of the CBL/GR does not identify 80% cement bond index cement bond within the confining zone.

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer Specifications: (Condition 3)

For injection purposes, the **Greater Boundary No. 1-28-8-17** will be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging (Condition 6)

- (a) Upon conversion of the **Greater Boundary No. 1-28-8-17**, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.
- (b) A **step-rate test (SRT)** shall be performed on the **Greater Boundary No. 1-28-8-17** within three (3) to six (6) months after injection operations were initiated. The results shall be submitted to the EPA. The permittee will contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

PART II. B. CORRECTIVE ACTION

As of December 2003, there are five (5) Garden Gulch-Douglas Creek Members oil wells within the Greater Boundary No. 1-28-8-17 one-quarter (1/4) mile AOR.. There are no undrilled locations within the AOR.

Greater Boundary No. 5-27-8-17 injection into the **Greater Boundary No. 1-28-8-17** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit. Injection into the **Greater Boundary No. 1-28-8-17** shall stay suspended until the leak has been resolved. Injection shall be renewed only after receiving written approval from the Director.

Greater Boundary No. 4-27-8-17 (NW NW Sec. 27-T8S-R17E)
The EPA compared the confining interval overlying the top of the Garden Gulch Member to the thickness of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement within the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **Greater Boundary No. 4-27-8-17** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **Greater Boundary No. 4-27-8-17** injection into the **Greater Boundary No. 1-28-8-17** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit. Injection into the **Greater Boundary No. 1-28-8-17** shall stay suspended until the leak has been resolved. Injection shall be renewed only after receiving written approval from the Director.

Tar Sands Federal No. 8-28-8-17 (SE NE Sec. 28-T8S-R17E)
The EPA compared the confining interval overlying the top of the Garden Gulch Member to the thickness of the 80% bond index cement bond, and the EPA has concluded that there is no EPA-acceptable annulus cement within the Garden Gulch confining interval. Therefore, pursuant to Part II. B., Boundary Area Permit, the permittee is required to monitor the **Tar Sands Federal No. 8-28-8-17** at least **once weekly** for indications of fluid at the surface behind longstring casing, or other indications of leakage. If any such leakage is discovered at the **Tar Sands Federal No. 8-28-8-17** injection into the **Greater Boundary No. 1-28-8-17** shall be halted immediately, and the Director notified pursuant to Part III. Sec. E. 10. of the Boundary Area Permit. Injection into the **Greater Boundary No. 1-28-8-17** shall stay suspended until the leak has been resolved. Injection shall be renewed only after receiving written approval from the Director.

PART II. C. WELL OPERATION

Prior to Commencing Injection (Additional Wells)

(Condition 2)

Greater Boundary No. 1-28-8-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2) submitted by the applicant has been reviewed and approved by the EPA, but with addition of a Plug No. 4. The P&A Plan, as modified, is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

PLUG NO. 1: Set a 100-foot cement plug inside of the 5-1/2 inch casing on top of the Cast Iron Bridge Plug (CIBP) at 5063 feet.

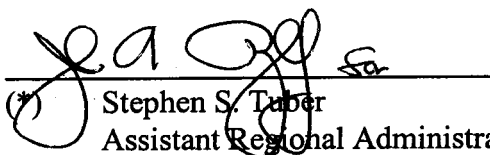
PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet.

PLUG NO. 3: Set a cement plug inside of the 5-1/2 inch casing, from the surface to 353 feet.

PLUG NO. 4: Set a cement plug, on the backside of the 5-1/2 inch casing, from surface to a depth of 353 feet.

This authorization for well conversion only of the Greater Boundary No. 1-28-8-17 to an enhanced recovery injection well becomes effective upon signature.

Date: 12/24/03


Stephen S. Taber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

- (*) The person holding this title is referred to as the "Director" throughout this Authorization for an Additional Well to the Boundary Area Permit.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU76241

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY 1-28-8-17

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301332318

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 101 FEL

COUNTY: Duchesne

QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NE, 28, T8S, R17E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

06/08/2004

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☒ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was converted from a producing to an injection well on 6/2/04. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly 5105'. On 6/4/04 Mr. Dan Jackson w/ EPA was notified of the intent to conduct a MIT on the casing. On 6/7/04 the casing was pressured to 1405 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

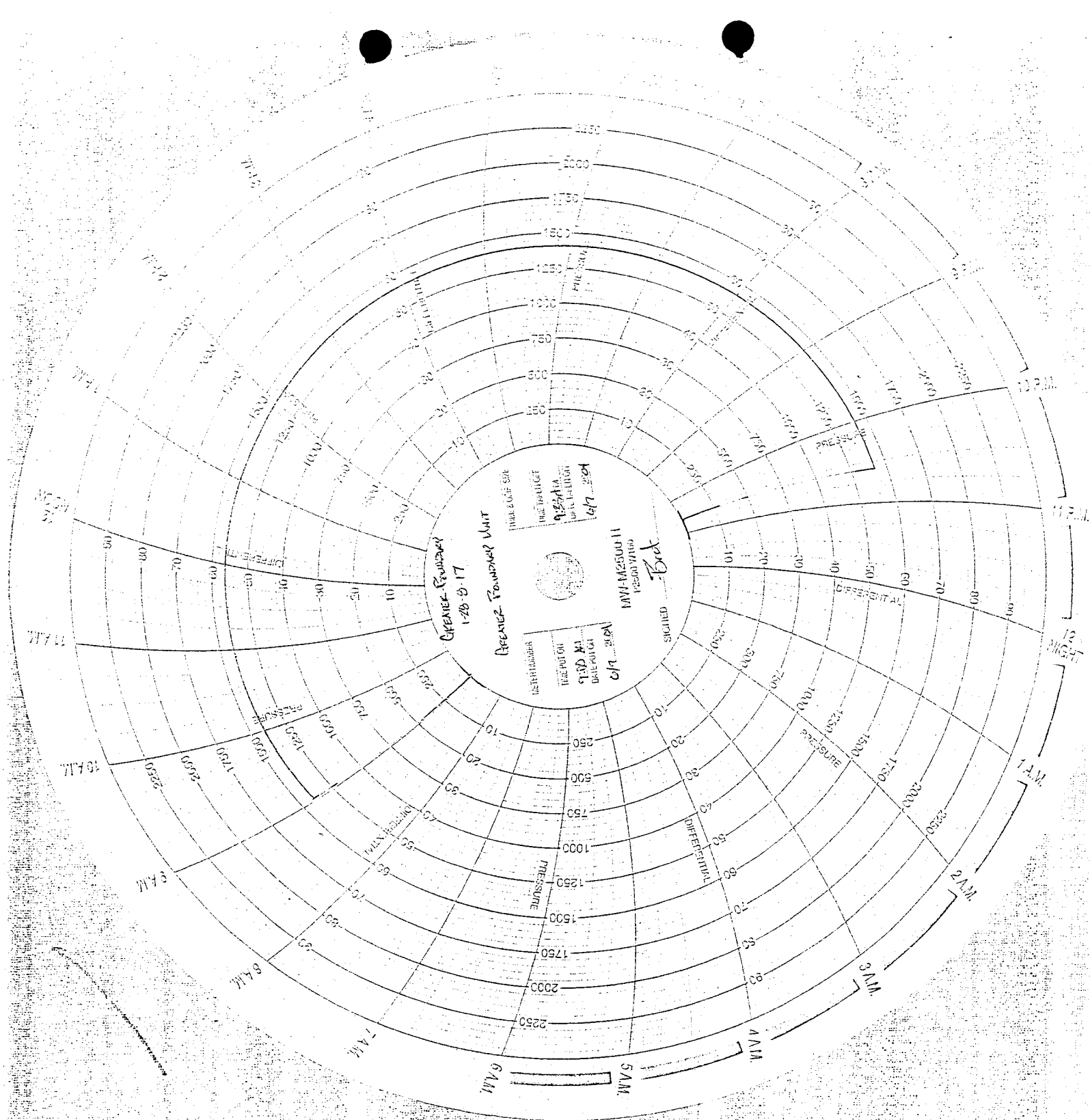
NAME (PLEASE PRINT) Krishna Russell

TITLE Production Clerk

SIGNATURE

DATE June 08, 2004

(This space for State use only)



Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 7 / 04
Test conducted by: BRET HENRIE
Others present: _____

Well Name: <u>GREATER BOUNDARY 12B-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER BOUNDARY UNIT</u>		
Location: <u>NE/NE</u> Sec: <u>23</u> T <u>2</u> N/S R <u>17</u> E/W County: <u>DUCHESS</u> State: <u>NY</u>		
Operator: <u>INLCO</u>		
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: <u>-NA-</u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☒ Yes ☐ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1405</u> psig	psig	psig
5 minutes	<u>1405</u> psig	psig	psig
10 minutes	<u>1405</u> psig	psig	psig
15 minutes	<u>1405</u> psig	psig	psig
20 minutes	<u>1405</u> psig	psig	psig
25 minutes	<u>1410</u> psig	psig	psig
30 minutes	<u>1410</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

Ref: 8P-W-GW

JUN 21 2004

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JUN 25 2004

Mr. David Gerbig
Operations Engineer
Inland Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: 180-Day Limited Authorization to Inject
Greater Boundary No. 1-28-8-27
NE NE Sec. 28-T8S-R17E
EPA Well Permit No. UT20702-06276
Duchesne County, Utah

Dear Mr. Gerbig:

The Inland Production Company (Inland) submission of Prior to Commencing Injection documents, on June 8, 2004, did contain all information required to fulfill the Environmental Protection Agency's (EPA) Prior to Commencing Injection requirements, as cited in the **Boundary Area Permit, UT20702-00000: Part II, Section C. 1.** The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on June 10, 2004.

The EPA is hereby authorizing injection into the Greater Boundary No. 1-28-8-17 for a limited period of up to one hundred and eighty (180) calendar days effective upon receipt of this letter, herein referred to as the "Limited Authorized Period". The maximum surface injection pressure shall not exceed 1725 psig.

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index cement through the confining zone overlying the Garden Gulch Member, the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Period". Approved tests for demonstrating Part II (External) MI include a Temperature Survey, a Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Period" allows injection for the purpose of stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and the tests rely on stable formation pressure. Results of tests shall be submitted




to, and written approval with authority to re-commence injection received from, EPA prior to resuming injection following the "Limited Authorized Period". Copies of Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests are enclosed with this letter.

Should the operator apply for an increase to the MSIP at any future date, another demonstration of Part II (External) MI must be conducted in addition to the Step-Rate Test. The operator must receive prior authorization from the Director in order to inject at pressures greater than the permitted MSIP during the test(s).

If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Results from the Part II (External) MI test, should be mailed directly to the **ATTENTION: DAN JACKSON**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



Sandra A. Stavnes
Director
Ground Water Program

enclosures: EPA Guideline No. 37: Part II (External) MI
EPA Guideline for Temperature Logging
Oxygen Activation Logging
Radioactive Tracer Survey

cc w/ enclosures: Mr. Mike Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84502

cc w/o enclosures: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, UT 84026

Elaine Willie
Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, UT 84026

Mr. Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
P.O. Box 130
Fort Duchesne, UT 84026

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser, 8ENF-UFO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection well

2. Name of Operator

Inland Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FNL 101 FEL

NE/NE Section 28 T8S R17E

5. Lease Serial No.

UTU76241

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

GREATER BOUNDARY

8. Well Name and No.

GREATER BOUNDARY 1-28-8-17

9. API Well No.

4301332318

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put Well on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work was performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation requires multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above referenced well was put on injection at 2:00 p.m. on 7/2/04.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD

RECEIVED
JUL 08 2004

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)
Mandie Crozier

Title

Regulatory Specialist

Signature

Date

7/6/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 -- Name

The name of the corporation is Inland Production Company.

ARTICLE 2 -- Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE -- The name of the corporation is Newfield Production Company."

ARTICLE 3 -- Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perk. Services Manager*

Approval Date: 9-20-04Comments: Note: Indian Country wells will require EPA approval.RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

007

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

GREATER BOUNDARY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
GBU 4-26-8-17	26	080S	170E	4301332289	12391	Federal	OW	P
GBU 5-26-8-17	26	080S	170E	4301332290	12391	Federal	WI	A
GBU 12-26-8-17	26	080S	170E	4301332306	12391	Federal	OW	P
GBU 13-26-8-17	26	080S	170E	4301332307		Federal	OW	APD
FEDERAL 1-26	26	080S	170E	4304731953	12391	Federal	WI	A
GBU 15-27-8-17	27	080S	170E	4301332246	12391	Federal	OW	P
GBU 16-27-8-17	27	080S	170E	4301332247	12391	Federal	OW	P
GB 1-28-8-17	28	080S	170E	4301332318	12391	Federal	WI	A
GB FED 11-29-8-17	29	080S	170E	4301332518		Federal	OW	APD
GB FED 10-29-8-17	29	080S	170E	4301332520		Federal	OW	APD
GBU 1-34-8-17	34	080S	170E	4301332252	12391	Federal	OW	P
GBU 2-34-8-17	34	080S	170E	4301332253	12391	Federal	OW	P
GBU 4-34-8-17	34	080S	170E	4301332254	12391	Federal	OW	P
GBU 5-34-8-17	34	080S	170E	4301332255	12391	Federal	OW	P
GBU 6-34-8-17	34	080S	170E	4301332256	12391	Federal	OW	P
GBU 7-34-8-17	34	080S	170E	4301332257	12391	Federal	OW	P
GBU 8-34-8-17	34	080S	170E	4301332277	12391	Federal	OW	S
GBU 3-34-8-17	34	080S	170E	4301332292	12391	Federal	OW	P
GB 9-34-8-17	34	080S	170E	4301332331	12391	Federal	OW	P
GB 10-34-8-17	34	080S	170E	4301332332	12391	Federal	OW	P

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OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

OPERATOR CHANGE WORKSHEET

008

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

GREATER BOUNDARY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
GBU 4-26-8-17	26	080S	170E	4301332289	12391	Federal	OW	P	
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GBU 8-34-8-17	34	080S	170E	4301332277	12391	Federal	OW	S	
GBU 3-34-8-17	34	080S	170E	4301332292	12391	Federal	OW	P	
GB 9-34-8-17	34	080S	170E	4301332331	12391	Federal	OW	P	K
GB 10-34-8-17	34	080S	170E	4301332332	12391	Federal	OW	P	K

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Enter date after each listed item is completed

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4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
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1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-76241
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GREATER BOUNDARY II
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FNL 101 FEL		8. WELL NAME and NUMBER: GREATER BOUNDARY 1-28-8-17
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4301332318
6. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE		
7. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 28, T8S, R17E		10. COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/09/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 3/25/09 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 4/9/09. On 4/9/09 the csg was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1540 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20702-06276 API#43-013-32318

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Callie Ross</i></u>	DATE <u>04/16/2009</u>

(This space for State use only)

RECEIVED

APR 21 2009

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 04/09/09
Test conducted by: Dale Giles
Others present: _____

Well Name: <u>Greater Boundary 1-28-8-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Boundary Unit</u>			
Location: _____	Sec: <u>28</u>	T <u>8</u>	N <u>13</u> R <u>17</u> <u>EW</u> County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>			
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1580</u>		PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 38 bpd

Pre-test casing/tubing annulus pressure: 0 psig

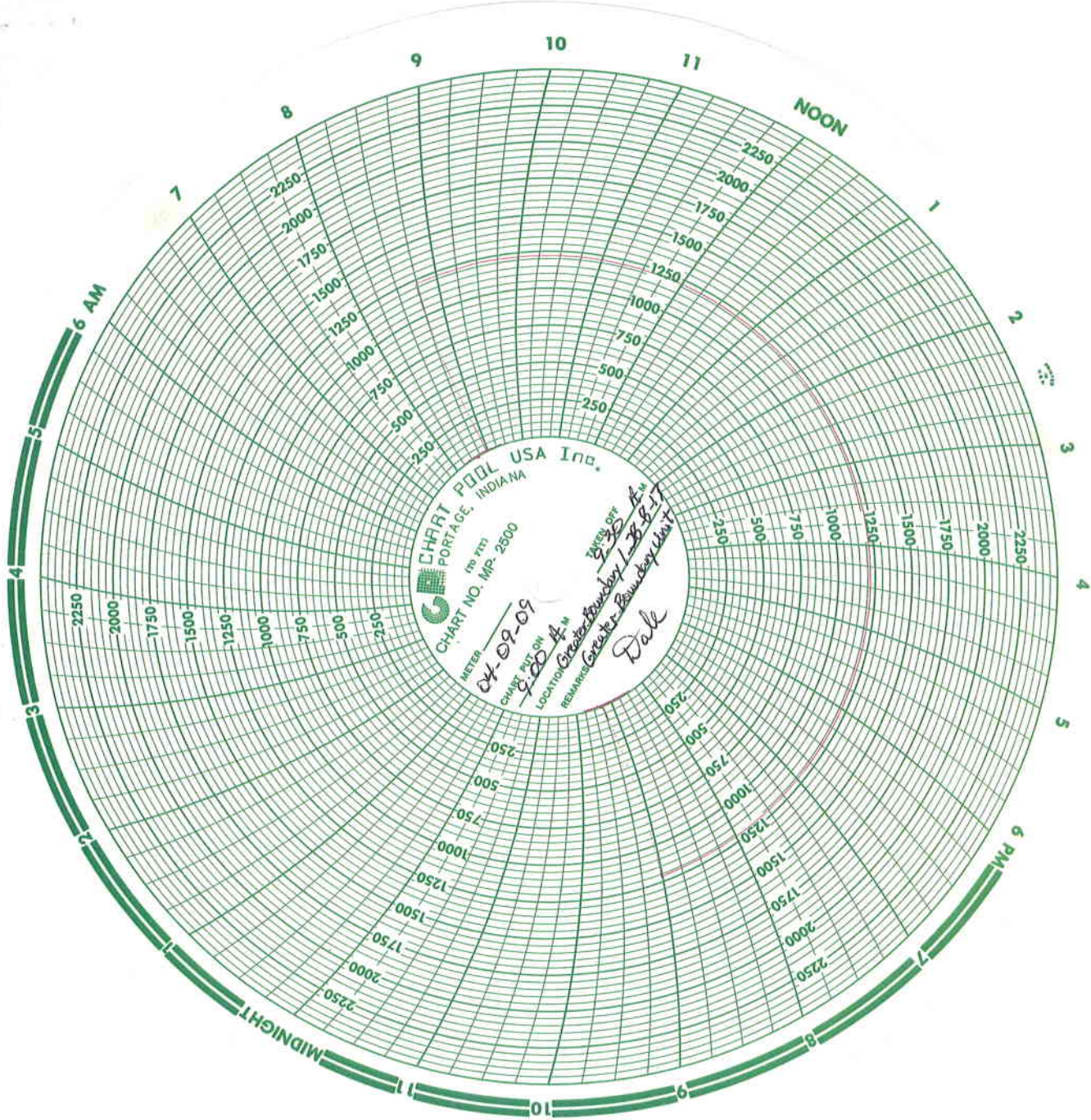
MIT DATA TABLE		Test #1		Test #2		Test #3	
TUBING		PRESSURE					
Initial Pressure		<u>1540</u>	psig		psig		psig
End of test pressure		<u>1540</u>	psig		psig		psig
CASING / TUBING		ANNULUS		PRESSURE			
0 minutes		<u>1220</u>	psig		psig		psig
5 minutes		<u>1220</u>	psig		psig		psig
10 minutes		<u>1220</u>	psig		psig		psig
15 minutes		<u>1220</u>	psig		psig		psig
20 minutes		<u>1220</u>	psig		psig		psig
25 minutes		<u>1220</u>	psig		psig		psig
30 minutes		<u>1220</u>	psig		psig		psig
_____ minutes			psig		psig		psig
_____ minutes			psig		psig		psig
RESULT		<input checked="" type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="checkbox"/> Pass	<input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76241

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL:
OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
GREATER BOUNDARY 1-28-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332318

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 660 FNL 101 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 28, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Step Rate Test
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/11/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on February 11, 2010. Results from the test indicate that the fracture gradient is .754 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1580 psi to 1620 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 02/16/2010

(This space for State use only)

RECEIVED

MAR 08 2010

DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 02/16/2010

Operator:

Newfield Production Company

Well:

Greater Boundary 1-28-8-17

Permit #:

UT20702-06276

Enter the following data :

Specific Gravity (sg) of injectate = 1.015 g/cc
Depth to top perforation (D) = 5158 feet 5158
Top of permitted injection zone depth (blank=use top perforation to calculate sg) = _____ feet
Estimated Formation Parting Pressure (P_{fp}) from SRT chart = 1620 psi 1620
Instantaneous Shut In Pressure (ISIP) from SRT = 1656 psi 1620
Bottom Hole Parting Pressure (P_{bhp}) from downhole pressure recorder = _____ psi no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.754 psi/ft.

where: $fg = P_{bhp} / D$ (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1636

D = depth used = 5158

P_{bhp} used = 3887

Calculated Bottom Hole Parting Pressure (P_{bhp}) = 3887 psi 3886.915

to calculate Bottom Hole Parting Pressure (P_{bhp}) = Formation Fracture Pressure (ISIP or P_{fp}) + (0.433 * SG * D)

(Uses lesser of ISIP or P_{fp}) Value used = 1620

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

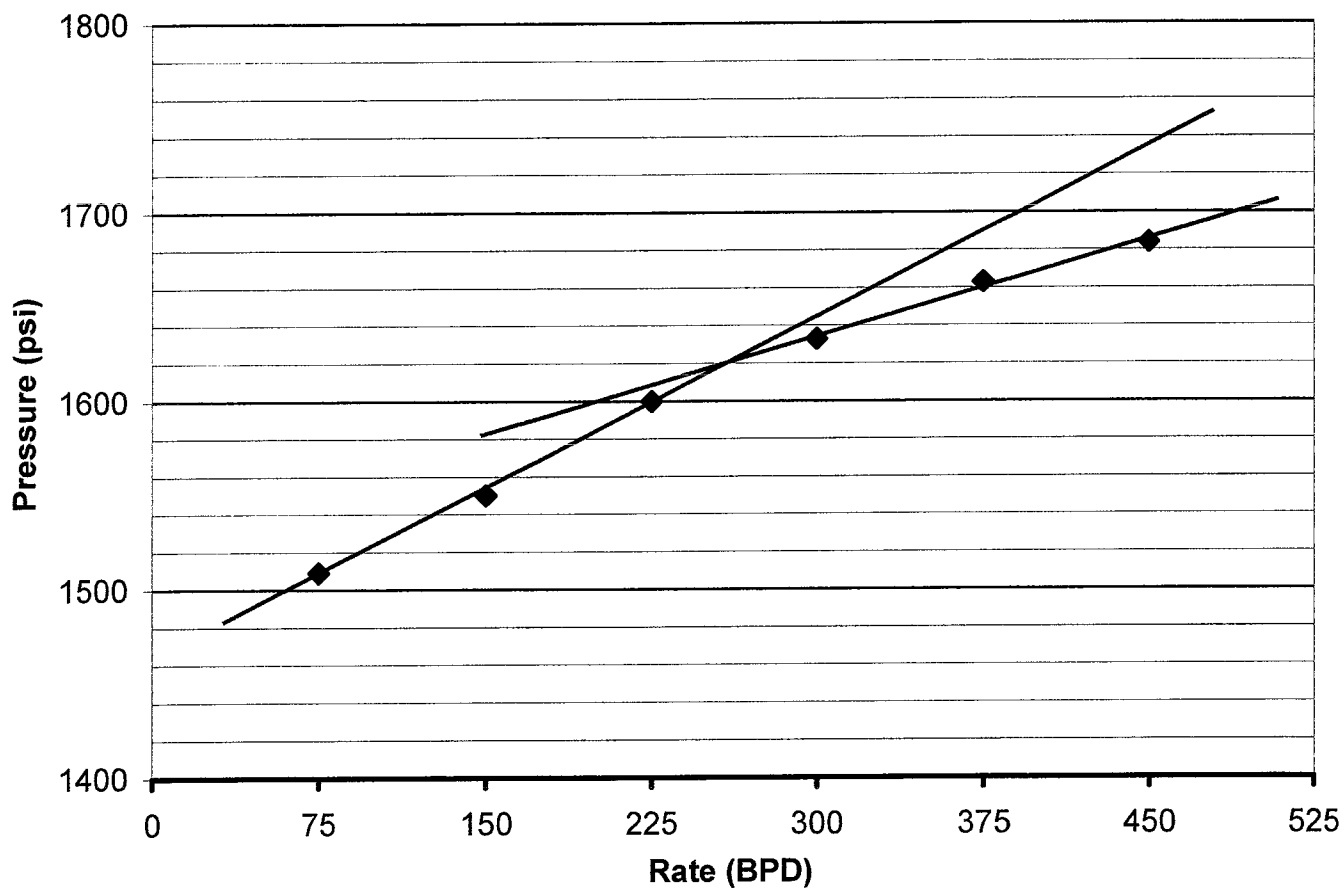
Maximum Allowable Injection Pressure (MAIP) = 1620 psig

D = depth used = 5158

MAIP = $[sg - (0.433 * SG)] * D = 1622.217$

(rounded down to nearest 5 psig)

**Greater Boundary 1-28-8-17
Greater Monument Butte Unit
Step Rate Test
February 11, 2010**



Start Pressure: 1462 psi
Instantaneous Shut In Pressure (ISIP): 1656 psi
Top Perforation: 5158 feet
Fracture pressure (P_{fp}): 1620 psi
FG: 0.754 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	75	1509
2	150	1550
3	225	1600
4	300	1633
5	375	1663
6	450	1684

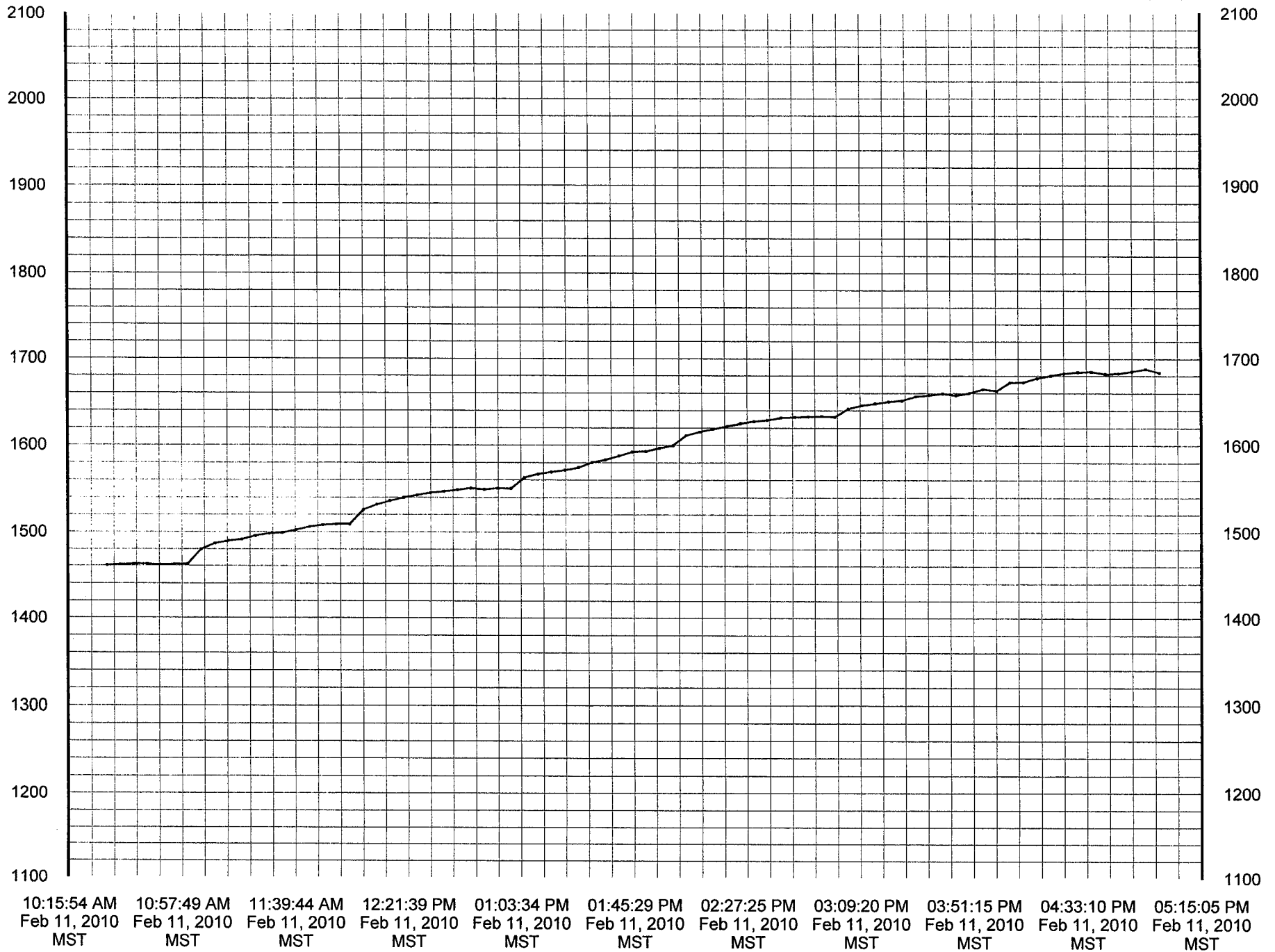
PSIA

Absolute Pressure

Greater Boundary 1-28-8-17 SRT
(2-11-10)

Device - PrTemp1000
Serial Number - M75866
Device ID - PrTemp

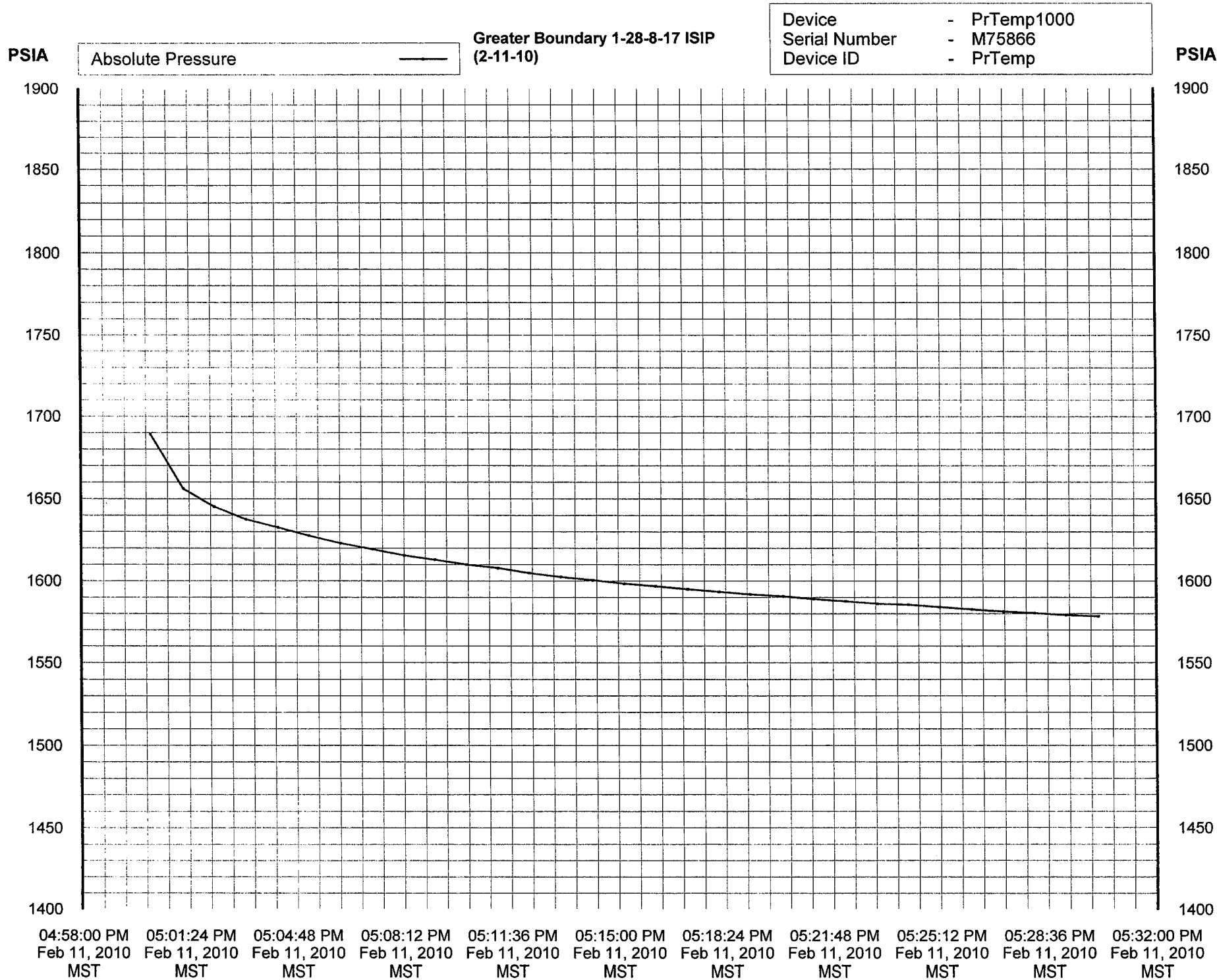
PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Feb 12, 2010 11:03:44 AM MST
 File Name: C:\Program Files\PTC® Instruments 2.00\Greater Boundary 1-28-8-17 SRT (2-11-10).csv
 Title: Greater Boundary 1-28-8-17 SRT (2-11-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Feb 11, 2010 10:29:59 AM MST
 Data End Date: Feb 11, 2010 04:59:59 PM MST
 Reading Rate: 2 Seconds
 Readings: 1 to 79 of 79
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MST)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Feb 11, 2010 10:29:59 AM	1460.600	PSIA
2	Feb 11, 2010 10:34:58 AM	1461.600	PSIA
3	Feb 11, 2010 10:39:59 AM	1462.000	PSIA
4	Feb 11, 2010 10:44:58 AM	1462.200	PSIA
5	Feb 11, 2010 10:49:58 AM	1461.400	PSIA
6	Feb 11, 2010 10:54:58 AM	1461.800	PSIA
7	Feb 11, 2010 10:59:59 AM	1462.000	PSIA
8	Feb 11, 2010 11:04:58 AM	1479.600	PSIA
9	Feb 11, 2010 11:09:59 AM	1486.600	PSIA
10	Feb 11, 2010 11:14:58 AM	1489.800	PSIA
11	Feb 11, 2010 11:19:59 AM	1491.400	PSIA
12	Feb 11, 2010 11:24:59 AM	1495.200	PSIA
13	Feb 11, 2010 11:29:59 AM	1497.800	PSIA
14	Feb 11, 2010 11:34:58 AM	1498.800	PSIA
15	Feb 11, 2010 11:39:58 AM	1502.200	PSIA
16	Feb 11, 2010 11:44:59 AM	1506.000	PSIA
17	Feb 11, 2010 11:49:58 AM	1508.000	PSIA
18	Feb 11, 2010 11:54:59 AM	1509.000	PSIA
19	Feb 11, 2010 11:59:58 AM	1509.000	PSIA
20	Feb 11, 2010 12:04:58 PM	1525.600	PSIA
21	Feb 11, 2010 12:09:58 PM	1531.800	PSIA
22	Feb 11, 2010 12:14:58 PM	1536.200	PSIA
23	Feb 11, 2010 12:19:58 PM	1539.800	PSIA
24	Feb 11, 2010 12:24:58 PM	1542.600	PSIA
25	Feb 11, 2010 12:29:59 PM	1545.200	PSIA
26	Feb 11, 2010 12:34:58 PM	1547.000	PSIA
27	Feb 11, 2010 12:39:59 PM	1548.600	PSIA
28	Feb 11, 2010 12:44:58 PM	1550.600	PSIA
29	Feb 11, 2010 12:49:58 PM	1549.200	PSIA
30	Feb 11, 2010 12:54:58 PM	1550.600	PSIA
31	Feb 11, 2010 12:59:59 PM	1550.200	PSIA
32	Feb 11, 2010 01:04:58 PM	1562.800	PSIA
33	Feb 11, 2010 01:09:58 PM	1566.600	PSIA
34	Feb 11, 2010 01:14:59 PM	1569.200	PSIA
35	Feb 11, 2010 01:19:59 PM	1571.400	PSIA
36	Feb 11, 2010 01:24:59 PM	1574.200	PSIA
37	Feb 11, 2010 01:29:58 PM	1580.200	PSIA
38	Feb 11, 2010 01:34:58 PM	1583.200	PSIA
39	Feb 11, 2010 01:39:58 PM	1587.800	PSIA
40	Feb 11, 2010 01:44:58 PM	1592.400	PSIA
41	Feb 11, 2010 01:49:58 PM	1593.000	PSIA
42	Feb 11, 2010 01:54:58 PM	1596.600	PSIA
43	Feb 11, 2010 01:59:59 PM	1599.600	PSIA
44	Feb 11, 2010 02:04:58 PM	1611.400	PSIA
45	Feb 11, 2010 02:09:59 PM	1615.400	PSIA
46	Feb 11, 2010 02:14:58 PM	1618.800	PSIA
47	Feb 11, 2010 02:19:58 PM	1621.800	PSIA
48	Feb 11, 2010 02:24:58 PM	1625.000	PSIA
49	Feb 11, 2010 02:29:58 PM	1627.400	PSIA
50	Feb 11, 2010 02:34:58 PM	1628.800	PSIA
51	Feb 11, 2010 02:39:58 PM	1631.600	PSIA
52	Feb 11, 2010 02:44:59 PM	1632.400	PSIA
53	Feb 11, 2010 02:49:58 PM	1632.800	PSIA
54	Feb 11, 2010 02:54:59 PM	1633.400	PSIA
55	Feb 11, 2010 02:59:58 PM	1632.600	PSIA
56	Feb 11, 2010 03:04:58 PM	1642.000	PSIA
57	Feb 11, 2010 03:09:58 PM	1645.800	PSIA
58	Feb 11, 2010 03:14:58 PM	1648.000	PSIA
59	Feb 11, 2010 03:19:58 PM	1650.200	PSIA

60	Feb 11, 2010 03:24:58 PM	1651.400	PSIA
61	Feb 11, 2010 03:29:59 PM	1656.000	PSIA
62	Feb 11, 2010 03:34:58 PM	1657.600	PSIA
63	Feb 11, 2010 03:39:59 PM	1659.400	PSIA
64	Feb 11, 2010 03:44:58 PM	1657.400	PSIA
65	Feb 11, 2010 03:49:58 PM	1660.200	PSIA
66	Feb 11, 2010 03:54:58 PM	1664.600	PSIA
67	Feb 11, 2010 03:59:58 PM	1662.600	PSIA
68	Feb 11, 2010 04:04:58 PM	1672.400	PSIA
69	Feb 11, 2010 04:09:58 PM	1672.800	PSIA
70	Feb 11, 2010 04:14:59 PM	1677.400	PSIA
71	Feb 11, 2010 04:19:58 PM	1680.200	PSIA
72	Feb 11, 2010 04:24:59 PM	1682.800	PSIA
73	Feb 11, 2010 04:29:58 PM	1684.200	PSIA
74	Feb 11, 2010 04:34:58 PM	1684.800	PSIA
75	Feb 11, 2010 04:39:58 PM	1682.200	PSIA
76	Feb 11, 2010 04:44:58 PM	1682.800	PSIA
77	Feb 11, 2010 04:49:58 PM	1685.000	PSIA
78	Feb 11, 2010 04:54:58 PM	1688.000	PSIA
79	Feb 11, 2010 04:59:59 PM	1683.800	PSIA



Report Name: PrTemp1000 Data Table
 Report Date: Feb 12, 2010 11:03:36 AM MST
 File Name: C:\Program Files\PTC® Instruments 2.00\Greater Boundary 1-28-8-17 ISIP (2-11-10).csv
 Title: Greater Boundary 1-28-8-17 ISIP (2-11-10)
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: M75866
 Device ID: PrTemp
 Data Start Date: Feb 11, 2010 05:00:11 PM MST
 Data End Date: Feb 11, 2010 05:30:12 PM MST
 Reading Rate: 2 Seconds
 Readings: 1 to 31 of 31
 Last Calibration Date: May 22, 2009
 Next Calibration Date: May 22, 2010

<u>Reading</u>	<u>Date and Time (MST)</u>	<u>Absolute Pressure</u>	<u>Annotation</u>
1	Feb 11, 2010 05:00:11 PM	1689.000	PSIA
2	Feb 11, 2010 05:01:13 PM	1656.000	PSIA
3	Feb 11, 2010 05:02:11 PM	1645.200	PSIA
4	Feb 11, 2010 05:03:11 PM	1637.600	PSIA
5	Feb 11, 2010 05:04:12 PM	1632.600	PSIA
6	Feb 11, 2010 05:05:11 PM	1627.600	PSIA
7	Feb 11, 2010 05:06:11 PM	1623.000	PSIA
8	Feb 11, 2010 05:07:12 PM	1619.400	PSIA
9	Feb 11, 2010 05:08:12 PM	1615.600	PSIA
10	Feb 11, 2010 05:09:11 PM	1613.000	PSIA
11	Feb 11, 2010 05:10:12 PM	1610.000	PSIA
12	Feb 11, 2010 05:11:12 PM	1607.800	PSIA
13	Feb 11, 2010 05:12:11 PM	1604.800	PSIA
14	Feb 11, 2010 05:13:11 PM	1602.400	PSIA
15	Feb 11, 2010 05:14:12 PM	1600.400	PSIA
16	Feb 11, 2010 05:15:11 PM	1598.200	PSIA
17	Feb 11, 2010 05:16:11 PM	1596.800	PSIA
18	Feb 11, 2010 05:17:12 PM	1595.000	PSIA
19	Feb 11, 2010 05:18:11 PM	1593.400	PSIA
20	Feb 11, 2010 05:19:11 PM	1591.800	PSIA
21	Feb 11, 2010 05:20:13 PM	1590.600	PSIA
22	Feb 11, 2010 05:21:12 PM	1589.000	PSIA
23	Feb 11, 2010 05:22:12 PM	1587.600	PSIA
24	Feb 11, 2010 05:23:13 PM	1586.000	PSIA
25	Feb 11, 2010 05:24:12 PM	1585.400	PSIA
26	Feb 11, 2010 05:25:11 PM	1584.000	PSIA
27	Feb 11, 2010 05:26:12 PM	1582.600	PSIA
28	Feb 11, 2010 05:27:12 PM	1581.400	PSIA
29	Feb 11, 2010 05:28:11 PM	1580.400	PSIA
30	Feb 11, 2010 05:29:11 PM	1579.200	PSIA
31	Feb 11, 2010 05:30:12 PM	1578.400	PSIA

Greater Boundary 1-28-8-17 Rate Sheet (2-11-10)

Step # 1	Time:	11:05	11:10	11:15	11:20	11:25	11:30
	Rate:	75.5	75.5	75.5	75.4	75.4	75.4
	Time:	11:35	11:40	11:45	11:50	11:55	12:00
	Rate:	75.4	75.4	75.4	75.4	75.3	75.3
Step # 2	Time:	12:05	12:10	12:15	12:20	12:25	12:30
	Rate:	150.5	150.4	150.4	150.4	150.3	150.3
	Time:	12:35	12:40	12:45	12:50	12:55	1:00
	Rate:	150.3	150.3	150.2	150.2	150.2	150.2
Step # 3	Time:	1:05	1:10	1:15	1:20	1:25	1:30
	Rate:	225.4	225.4	225.4	225.4	225.4	225.3
	Time:	1:35	1:40	1:45	1:50	1:55	2:00
	Rate:	225.3	225.3	225.3	225.2	225.1	225.1
Step # 4	Time:	2:05	2:10	2:15	2:20	2:25	2:30
	Rate:	300.6	300.6	300.5	300.5	300.5	300.4
	Time:	2:35	2:40	2:45	2:50	2:55	3:00
	Rate:	300.3	300.3	300.3	300.3	300.2	300.2
Step # 5	Time:	3:05	3:10	3:15	3:20	3:25	3:30
	Rate:	375.5	375.5	375.5	375.4	375.4	375.4
	Time:	3:35	3:40	3:45	3:50	3:55	4:00
	Rate:	375.4	375.4	375.3	375.1	375.1	375.1
Step # 6	Time:	4:05	4:10	4:15	4:20	4:25	4:30
	Rate:	450.5	450.5	450.5	450.5	450.5	450.4
	Time:	4:35	4:40	4:45	4:50	4:55	5:00
	Rate:	450.3	450.3	450.2	450.1	450.1	450
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR 30 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

RECEIVED

APR 07 2010

DIV. OF OIL, GAS & MINING

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RE: Underground Injection Control (UIC)
Minor Permit Modification
Authorization to Continue Injection
EPA UIC Permit UT20702-06276
Well: Greater Boundary Federal 1-28-8-17
NENE Sec. 28-T8S-R17E
Duchesne County, UT
API No.: 43-013-32318

Dear Mr. Guinn:

The Newfield Production Company (Newfield) letter regarding the February 11, 2010, Step Rate Test (SRT) on the Greater Boundary Federal 1-28-8-17 well was received by the Environmental Protection Agency Region 8 (EPA) on March 3, 2010. This submittal demonstrated the fracture gradient to be 0.754 psi/ft. which was confirmed by EPA's analysis of the data. The Maximum Allowable Injection Pressure (MAIP) is hereby increased to 1,620 psig from the 1,580 psig specified in the Final Permit.

EPA also received the results of the February 26, 2010, Radioactive Tracer Survey (RTS) for the Greater Boundary Federal 1-28-8-17 well and reviewed them on March 16, 2010. EPA determined that the RTS result demonstrates the presence of adequate cement to prevent the upward migration of injection fluids behind casing from the injection zone at the MAIP of 1,620 psig.

As of the date of this letter, EPA authorizes continued injection into the Greater Boundary Federal 1-28-8-17 well under the terms and conditions of EPA UIC Permit UT20702-06276 at the MAIP of 1,620 psig.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a SRT that measures the formation parting pressure and determines the fracture gradient at the injection depth and location. A current copy of EPA guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS is required to demonstrate the presence of adequate cement to prevent the upward migration of injection fluids behind casing from the injection zone at the higher MAIP.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program Office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing the well name and UIC Permit number on all correspondence regarding this well:

US EPA, Region 8
Attn: Nathan Wiser
MC: ENF-UFO
1595 Wynkoop Street
Denver, CO 80202

For questions regarding notification, testing, monitoring, reporting or other permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling 800-227-8917 (ext. 312-6211). Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit.

If you have any questions regarding this approval, please call Jason Deardorff at 303-312-6583 or 800-227-8917 (ext. 312-6583).

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

Nathan Wiser
EPA Region 8 UIC Enforcement
8ENF-UFO

Sundry Number: 48684 API Well Number: 43013323180000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GB 1-28-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013323180000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 0101 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr. NENE Section: 28 Township: 08 OS Range: 17 0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH
11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start	<input type="checkbox"/> AC DIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion 3/3/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: 5 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 03/03/2014 the casing was pressured up to 1364 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1600 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06276		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/11/2014	

RECEIVED: Mar. 11, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5/31/2014
Test conducted by: Dustin Bennett
Others present: _____

Well Name: <u>Gator Bendy 1-28-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>NE 1/4 Sec 28 T 8 N R 17E</u> County: <u>DeWette</u> State: <u>UT</u>		
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1665</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: ~~1000~~ bpd

Pre-test casing/tubing annulus pressure: 1360 / 1600 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1600</u> psig	psig	psig
End of test pressure	<u>1600</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1360</u> psig	psig	psig
5 minutes	<u>1360</u> psig	psig	psig
10 minutes	<u>1360</u> psig	psig	psig
15 minutes	<u>1361</u> psig	psig	psig
20 minutes	<u>1362</u> psig	psig	psig
25 minutes	<u>1362</u> psig	psig	psig
30 minutes	<u>1364</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

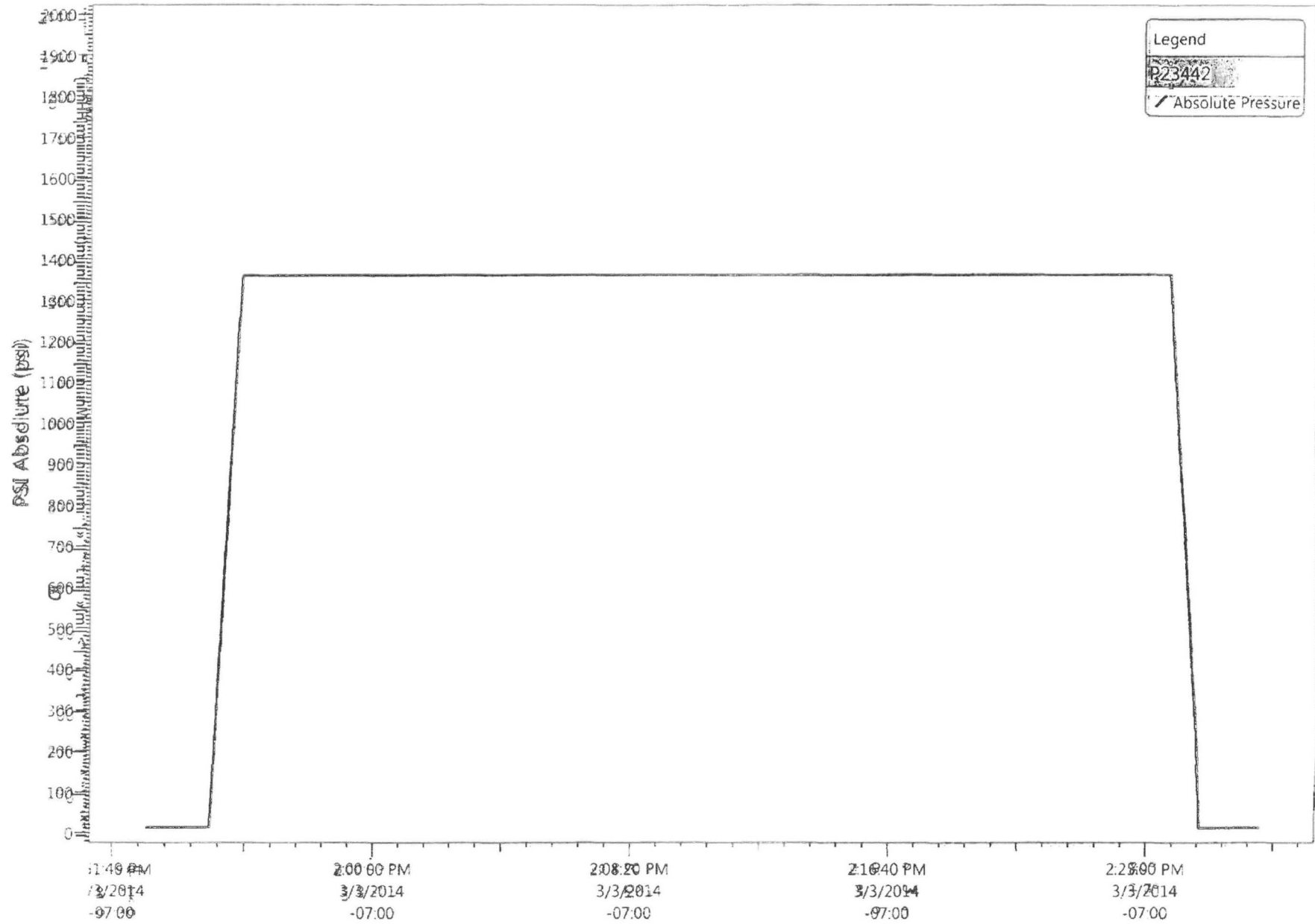
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Greater Boundary 1-28-3-17

3/3/2014 1:51:38 PM



Greater Boundary #1-28-8-17

Spud Date: 1/22/02
Put on Production: 5/22/02
GL: 5196' KB: 5206'

Initial Production: 28 BOPD,
55 MCFD, 14 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (295.54')
DEPTH LANDED: 303.54' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt. est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jts. (6274.18')
DEPTH LANDED: 6273.18' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 500 sxs 50-50 POZ.
CEMENT TOP AT: 330' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5093.51')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5103.51' KB
PACKER AT: 5104.61'
TOTAL STRING LENGTH: EOT @ 5111.96'

FRAC JOB

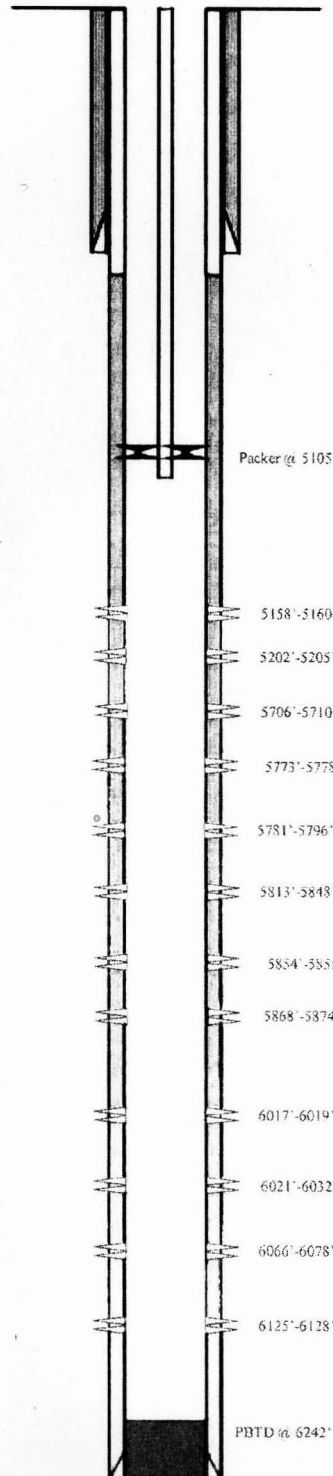
5/14/02 6017'-6128' **Frac CP sands as follows:**
78,993# 20/40 sand in 599 bbls Viking I-25 fluid. Treated @ avg press of 1725 psi w/avg rate of 26.8 BPM. ISIP 2060 psi. Calc. flush: 6017 gal. Actual flush: 5922 gal.

5/14/02 5706'-5874' **Frac LODC sands as follows:**
203,993# 20/40 sand in 1343 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.3 BPM. ISIP 2290 psi. Calc. flush: 5706 gal. Actual flush: 5623 gal.

5/14/02 5158'-5205' **Frac D1&D2 sands as follows:**
33,993# 20/40 sand in 319 bbls Viking I-25 fluid. Treated @ avg press of 2600 psi w/avg rate of 26.2 BPM. ISIP 2200 psi. Calc. flush: 5158 gal. Actual flush: 5082 gal.

6/2/04 Injection Conversion

4/9/09 5 Year MIT completed and submitted.



PERFORATION RECORD

Date	Interval	ISPF	Holes
5/13/02	6125'-6128'	4 ISPF	12 holes
5/13/02	6066'-6078'	4 ISPF	48 holes
5/13/02	6021'-6032'	4 ISPF	44 holes
5/13/02	6017'-6019'	4 ISPF	08 holes
5/14/02	5868'-5874'	2 ISPF	12 holes
5/14/02	5854'-5858'	2 ISPF	08 holes
5/14/02	5813'-5848'	2 ISPF	70 holes
5/14/02	5781'-5796'	2 ISPF	12 holes
5/14/02	5773'-5778'	2 ISPF	10 holes
5/14/02	5706'-5710'	4 ISPF	16 holes
5/14/02	5202'-5205'	4 ISPF	12 holes
5/14/02	5158'-5160'	4 ISPF	08 holes

NEWFIELD

Greater Boundary #1-28-8-17

660' FNL & 101' FEL

NE/NE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-32318, Lease #UTU-76241